

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050081.D
 Acq On : 02 May 2025 11:52
 Operator : RC/JU
 Sample : PB167803BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167803BS

Quant Time: May 02 12:47:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	238731	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	852455	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	546617	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1041831	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1028150	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1050834	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1823203	133.731	ng	-0.01
7) Phenol-d6	6.939	99	2240387	130.746	ng	-0.01
23) Nitrobenzene-d5	8.910	82	1299262	75.104	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1027949	127.183	ng	-0.01
45) 2-Fluorobiphenyl	13.015	172	3406612	73.726	ng	-0.02
79) Terphenyl-d14	19.768	244	5346201	76.944	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.240	88	202965	34.721	ng 98
3) Pyridine	3.640	79	574993	38.284	ng 99
4) n-Nitrosodimethylamine	3.546	42	254557	43.214	ng 98
6) Aniline	7.081	93	385920	17.836	ng 98
8) 2-Chlorophenol	7.322	128	646960	43.889	ng 98
9) Benzaldehyde	6.892	77	298237	26.008	ng 98
10) Phenol	6.963	94	796370	45.909	ng 99
11) bis(2-Chloroethyl)ether	7.175	93	601231	41.507	ng 99
12) 1,3-Dichlorobenzene	7.639	146	737329	41.408	ng 99
13) 1,4-Dichlorobenzene	7.786	146	742090	41.484	ng 99
14) 1,2-Dichlorobenzene	8.098	146	716761	41.480	ng 98
15) Benzyl Alcohol	7.998	79	518865	43.663	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	731665	41.554	ng 99
17) 2-Methylphenol	8.210	107	504118	44.114	ng 99
18) Hexachloroethane	8.822	117	264223	41.551	ng 95
19) n-Nitroso-di-n-propyla...	8.557	70	457904	41.666	ng 99
20) 3+4-Methylphenols	8.539	107	680776	44.113	ng 98
22) Acetophenone	8.575	105	897627	42.354	ng 98
24) Nitrobenzene	8.951	77	649250	43.404	ng 99
25) Isophorone	9.480	82	1191736	40.413	ng 99
26) 2-Nitrophenol	9.663	139	336179	43.992	ng 98
27) 2,4-Dimethylphenol	9.733	122	560187	44.204	ng 98
28) bis(2-Chloroethoxy)met...	9.957	93	760340	41.717	ng 100
29) 2,4-Dichlorophenol	10.210	162	631822	44.503	ng 99
30) 1,2,4-Trichlorobenzene	10.410	180	723534	41.829	ng 100
31) Naphthalene	10.592	128	1806992	41.857	ng 100
32) Benzoic acid	9.898	122	338454	41.758	ng 99
33) 4-Chloroaniline	10.722	127	236990	13.393	ng 99
34) Hexachlorobutadiene	10.874	225	453768	41.328	ng 99
35) Caprolactam	11.504	113	169843	41.029	ng 92
36) 4-Chloro-3-methylphenol	11.857	107	555694	42.366	ng 99
37) 2-Methylnaphthalene	12.210	142	1182840	40.867	ng 100
38) 1-Methylnaphthalene	12.427	142	1246383	40.691	ng 100
40) 1,2,4,5-Tetrachloroben...	12.586	216	816106	43.129	ng 99
41) Hexachlorocyclopentadiene	12.557	237	1092645	94.488	ng 99
43) 2,4,6-Trichlorophenol	12.833	196	534568	44.541	ng 98

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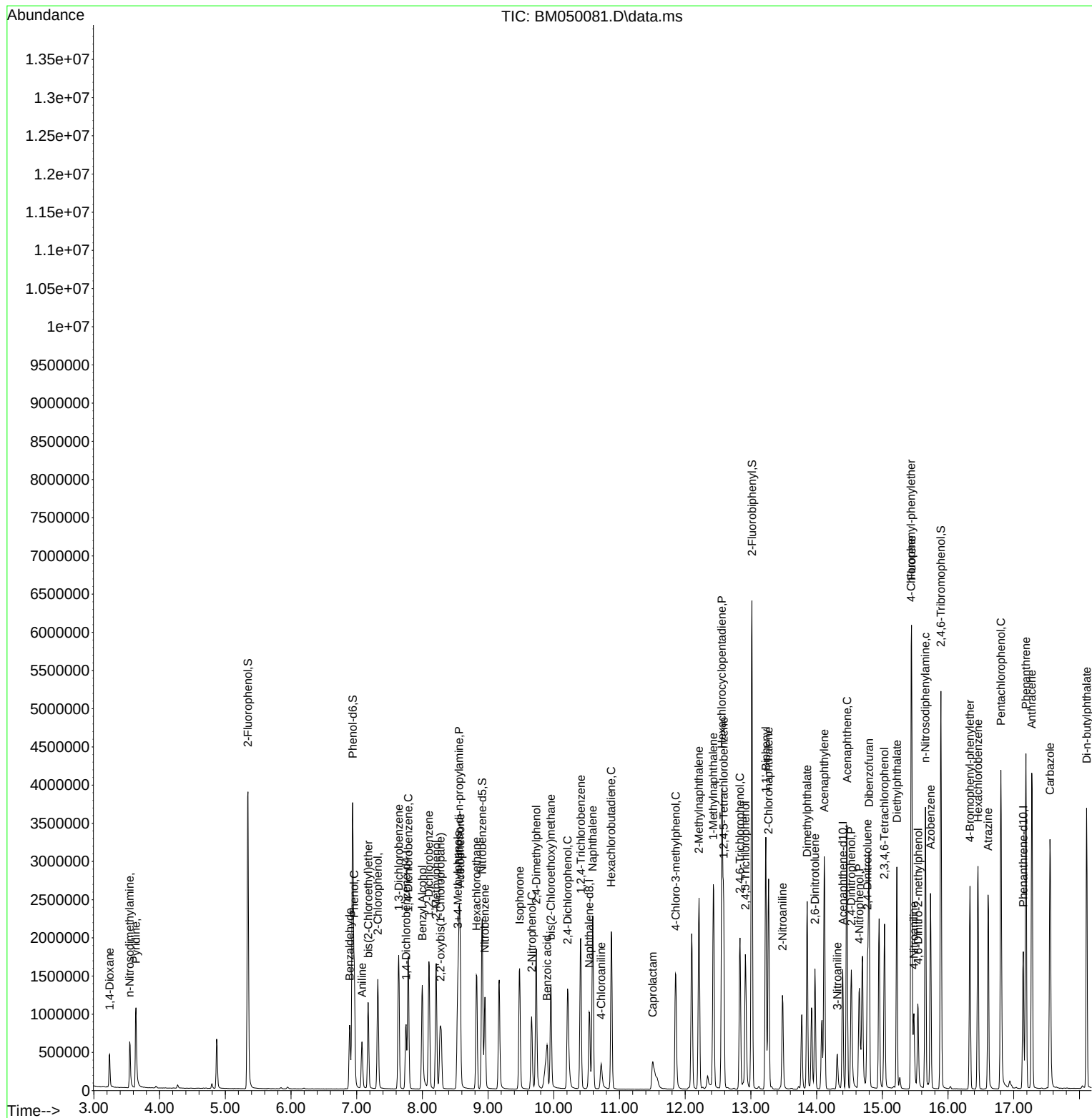
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.915	196	572778	44.257	ng	99
46) 1,1'-Biphenyl	13.227	154	1714850	42.204	ng	99
47) 2-Chloronaphthalene	13.268	162	1372162	42.639	ng	100
48) 2-Nitroaniline	13.480	65	337316	44.660	ng	97
49) Acenaphthylene	14.115	152	2154517	42.462	ng	100
50) Dimethylphthalate	13.857	163	1655809	41.450	ng	100
51) 2,6-Dinitrotoluene	13.974	165	360700	43.611	ng	96
52) Acenaphthene	14.462	154	1237912	42.149	ng	99
53) 3-Nitroaniline	14.315	138	140875	17.840	ng	99
54) 2,4-Dinitrophenol	14.527	184	452687	85.127	ng	99
55) Dibenzofuran	14.798	168	2035860	41.663	ng	99
56) 4-Nitrophenol	14.651	139	556814	86.298	ng	99
57) 2,4-Dinitrotoluene	14.774	165	506537	44.321	ng	99
58) Fluorene	15.445	166	1702863	42.574	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	480862	42.923	ng	99
60) Diethylphthalate	15.221	149	1534231	40.759	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	928613	42.269	ng	99
62) 4-Nitroaniline	15.480	138	315457	41.407	ng	97
63) Azobenzene	15.733	77	1344729	42.627	ng	100
65) 4,6-Dinitro-2-methylph...	15.545	198	293420	44.993	ng	98
66) n-Nitrosodiphenylamine	15.656	169	1401982	43.823	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	537365	42.653	ng	98
68) Hexachlorobenzene	16.456	284	620070	42.697	ng	98
69) Atrazine	16.609	200	499731	43.305	ng	99
70) Pentachlorophenol	16.803	266	815255	99.731	ng	98
71) Phenanthrene	17.186	178	2550491	43.405	ng	99
72) Anthracene	17.274	178	2596482	43.664	ng	100
73) Carbazole	17.550	167	2281814	44.221	ng	99
74) Di-n-butylphthalate	18.109	149	2588026	42.116	ng	100
75) Fluoranthene	19.203	202	3027358	43.882	ng	100
77) Benzidine	19.397	184	874516	23.946	ng	99
78) Pyrene	19.568	202	3117233	43.175	ng	100
80) Butylbenzylphthalate	20.462	149	1135997	42.009	ng	94
81) Benzo(a)anthracene	21.368	228	3113215	43.971	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	536223	19.784	ng	99
83) Chrysene	21.427	228	2897203	44.213	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	1668880	41.318	ng	100
85) Di-n-octyl phthalate	22.409	149	2819567	42.329	ng	99
87) Indeno(1,2,3-cd)pyrene	27.762	276	3738994	47.752	ng	100
88) Benzo(b)fluoranthene	23.432	252	2984894	43.678	ng	100
89) Benzo(k)fluoranthene	23.497	252	2991504	43.276	ng	100
90) Benzo(a)pyrene	24.238	252	2839325	44.360	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	3076788	48.205	ng	99
92) Benzo(g,h,i)perylene	28.814	276	2916539	47.729	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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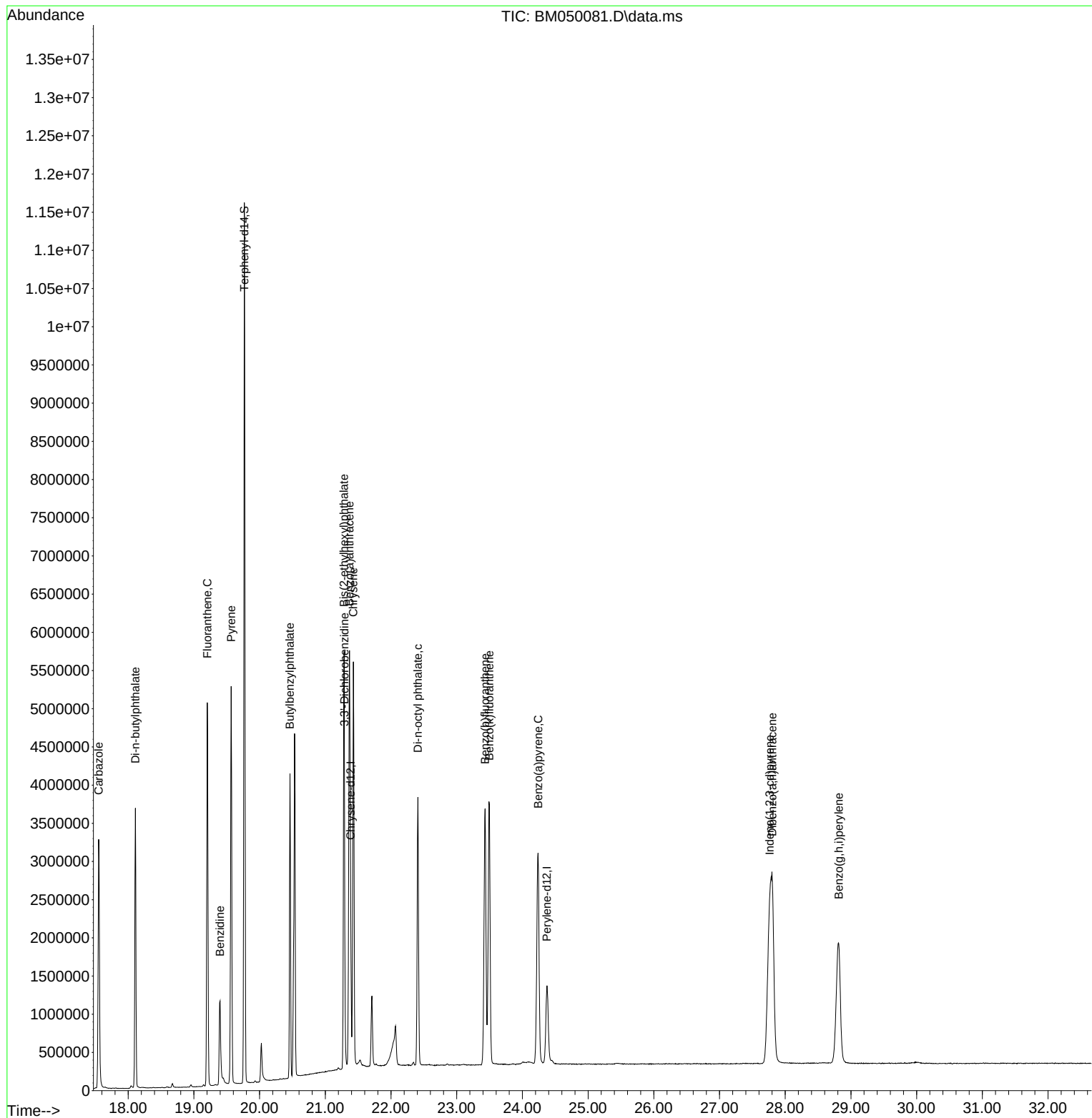
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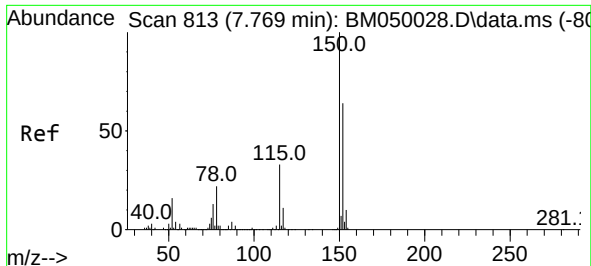


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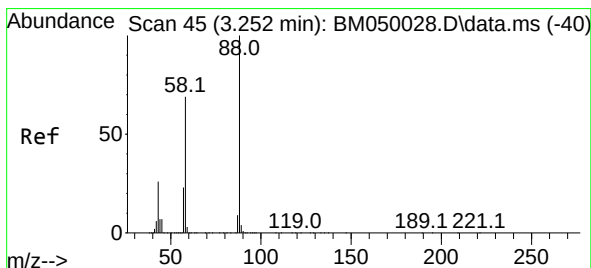
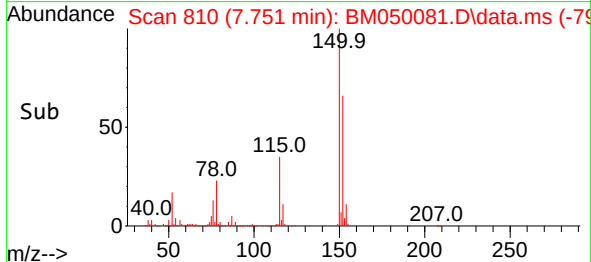
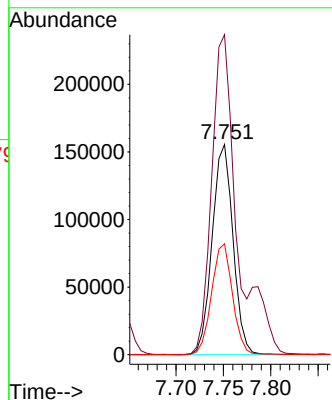
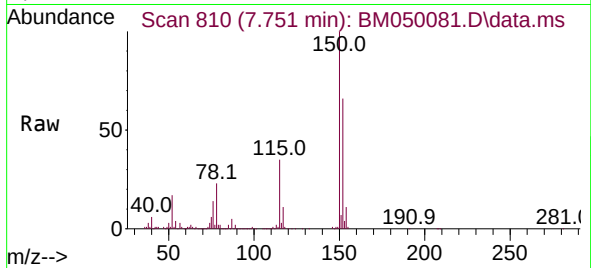




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.751 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM050081.D
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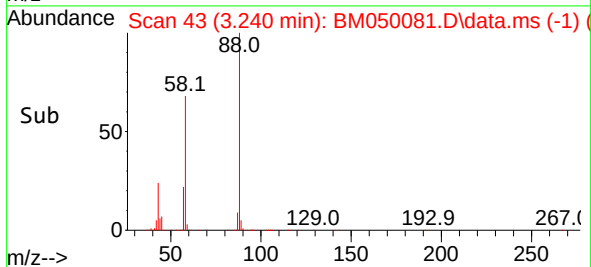
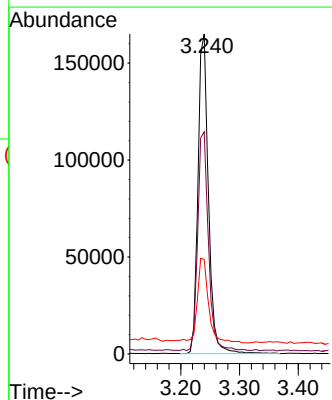
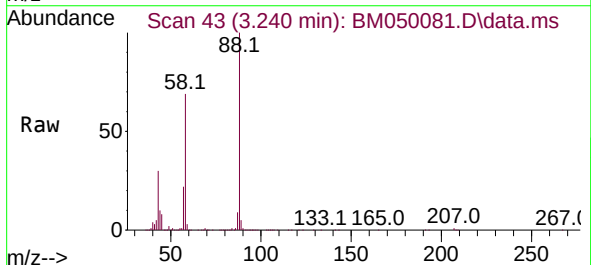
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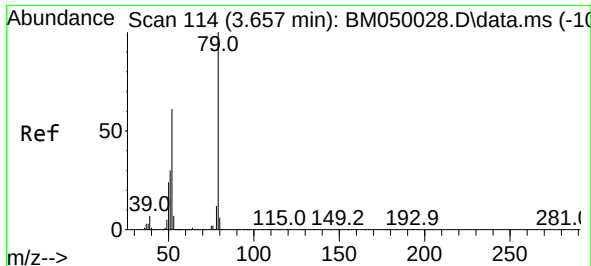
Tgt Ion:152 Resp: 238731
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.1 186.1
 115 52.7 41.2 61.8



#2
 1,4-Dioxane
 Concen: 34.721 ng
 RT: 3.240 min Scan# 43
 Delta R.T. -0.012 min
 Lab File: BM050081.D
 Acq: 02 May 2025 11:52

Tgt Ion: 88 Resp: 202965
 Ion Ratio Lower Upper
 88 100
 58 69.6 55.1 82.7
 43 28.2 20.9 31.3

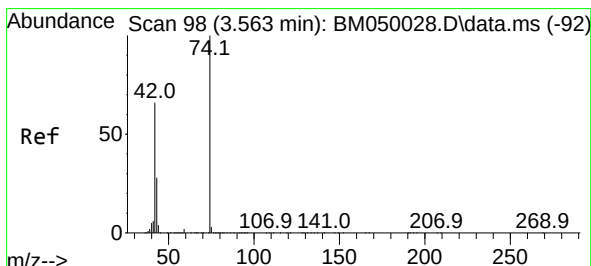
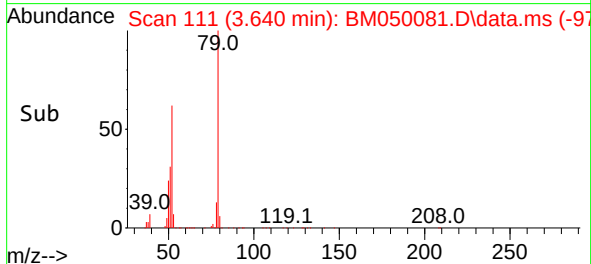
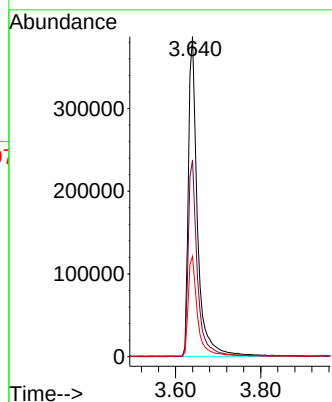
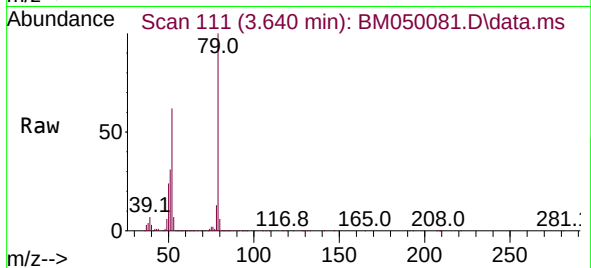




#3
Pyridine
Concen: 38.284 ng
RT: 3.640 min Scan# 114
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

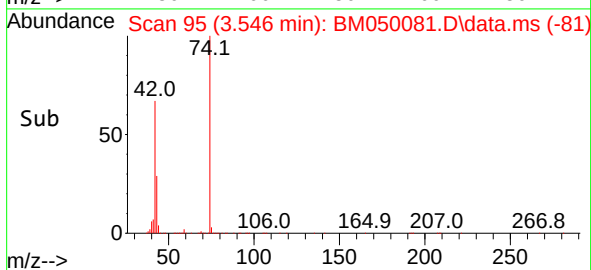
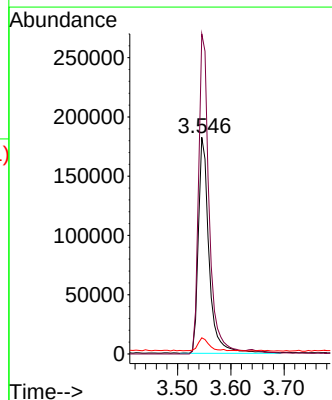
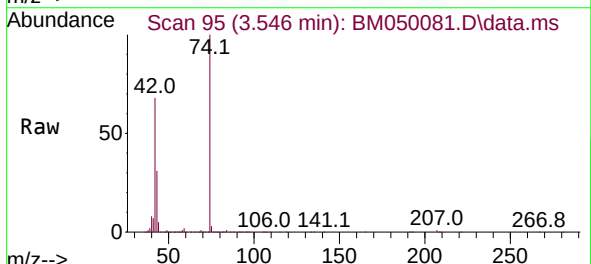
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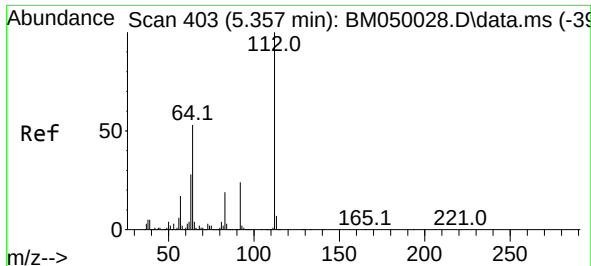
Tgt Ion: 79 Resp: 574993
Ion Ratio Lower Upper
79 100
52 61.5 48.6 72.8
51 31.4 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 43.214 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 42 Resp: 254557
Ion Ratio Lower Upper
42 100
74 147.7 120.2 180.2
44 7.5 6.2 9.2

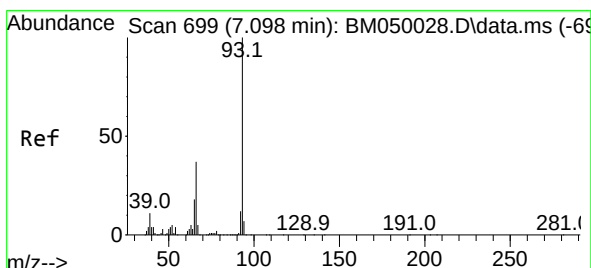
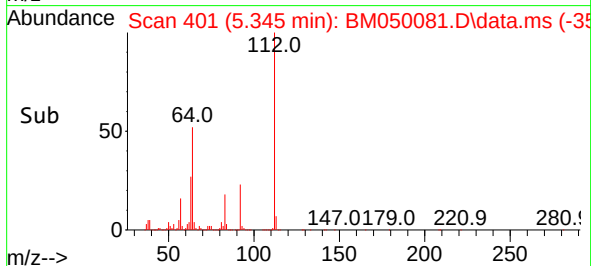
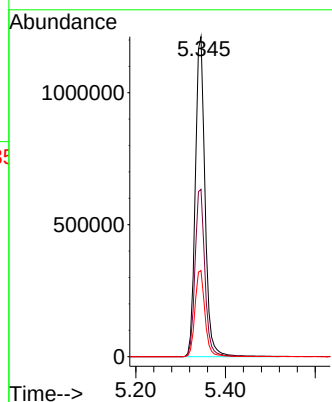
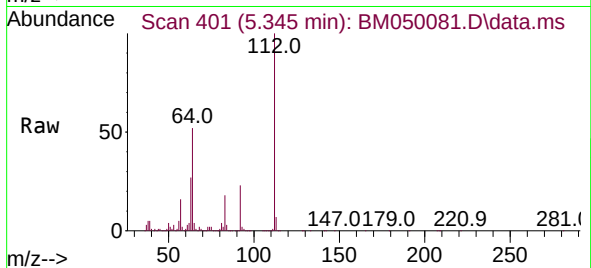




#5
2-Fluorophenol
Concen: 133.731 ng
RT: 5.345 min Scan# 403
Delta R.T. -0.012 min
Lab File: BM050081.D
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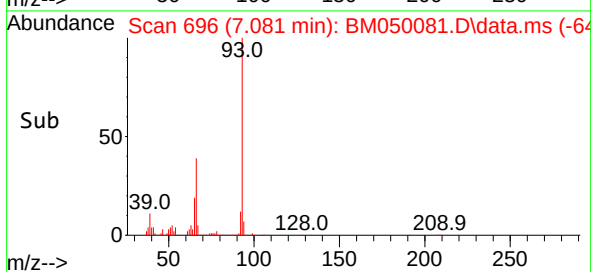
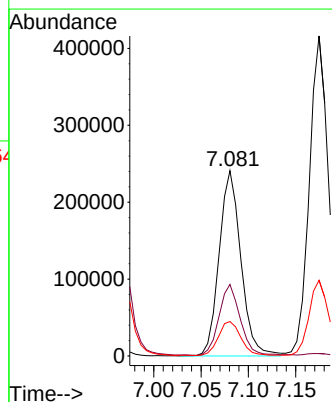
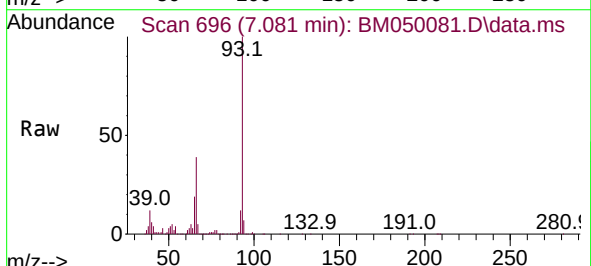
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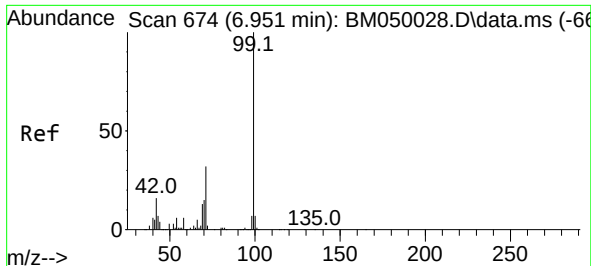
Tgt Ion:112 Resp: 1823203
Ion Ratio Lower Upper
112 100
64 52.3 42.6 64.0
63 26.9 22.2 33.4



#6
Aniline
Concen: 17.836 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.018 min
Lab File: BM050081.D
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Tgt Ion: 93 Resp: 385920
Ion Ratio Lower Upper
93 100
66 38.6 29.9 44.9
65 18.5 14.5 21.7

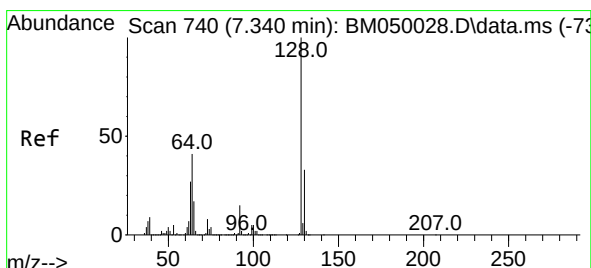
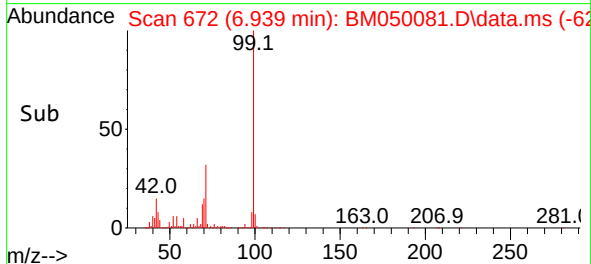
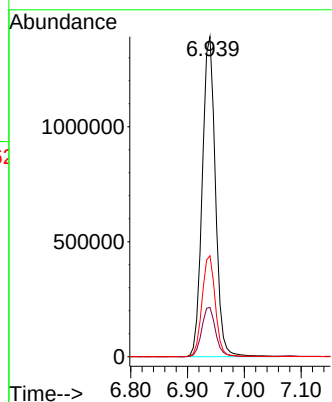
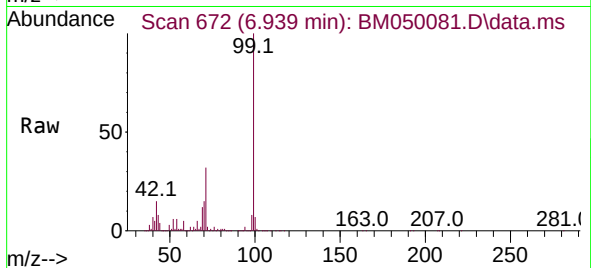




#7
Phenol-d6
Concen: 130.746 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.012 min
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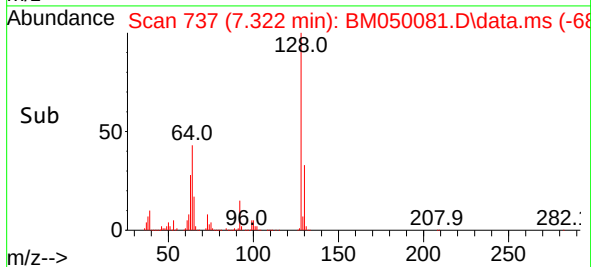
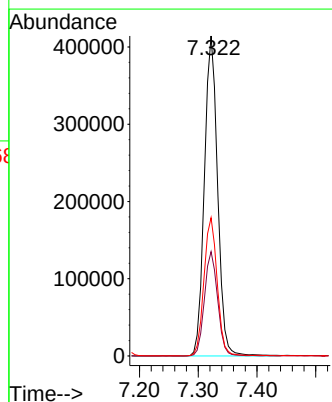
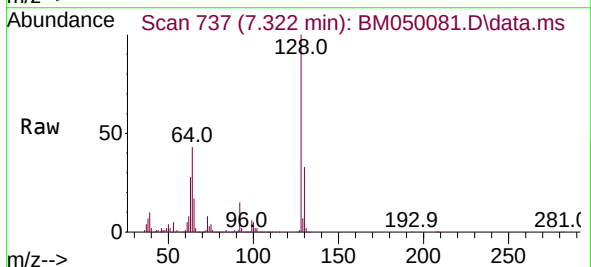
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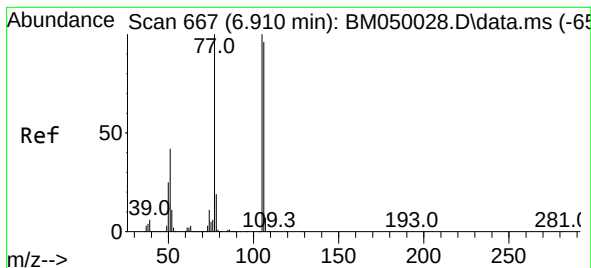
Tgt Ion: 99 Resp: 2240387
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 31.6 25.6 38.4



#8
2-Chlorophenol
Concen: 43.889 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 128 Resp: 646960
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 43.2 21.2 61.2





#9

Benzaldehyde

Concen: 26.008 ng

RT: 6.892 min Scan# 6

Delta R.T. -0.018 min

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BNA_M

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PB167803BS

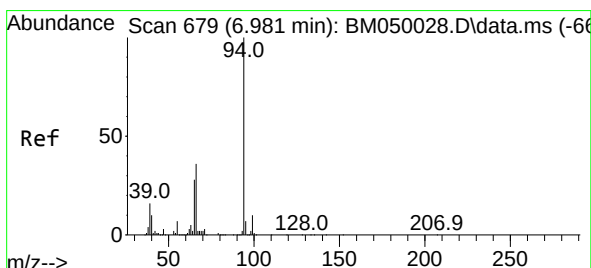
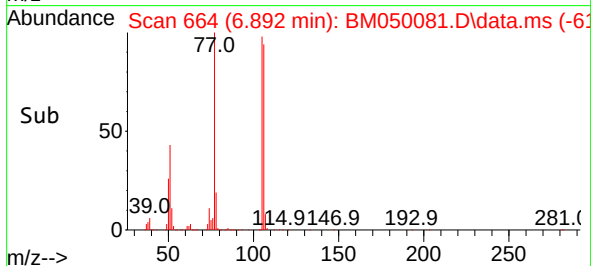
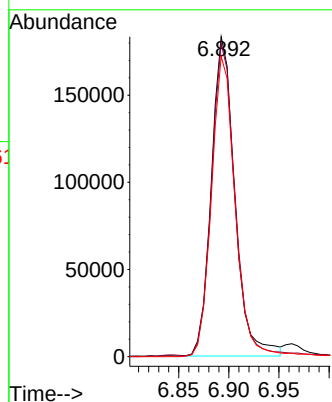
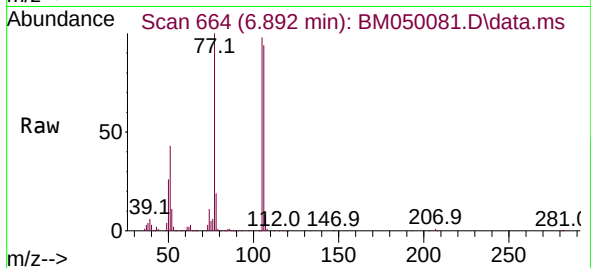
Tgt Ion: 77 Resp: 298237

Ion Ratio Lower Upper

77 100

105 97.8 80.5 120.5

106 93.8 76.1 116.1



#10

Phenol

Concen: 45.909 ng

RT: 6.963 min Scan# 676

Delta R.T. -0.018 min

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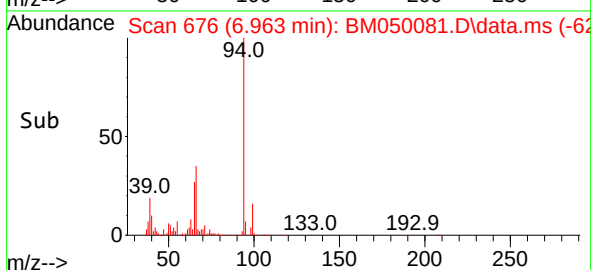
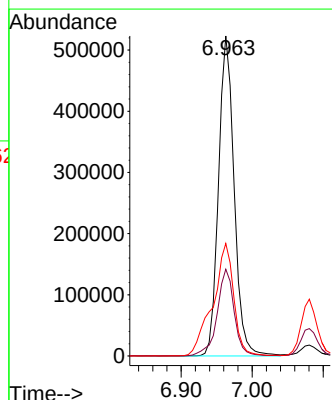
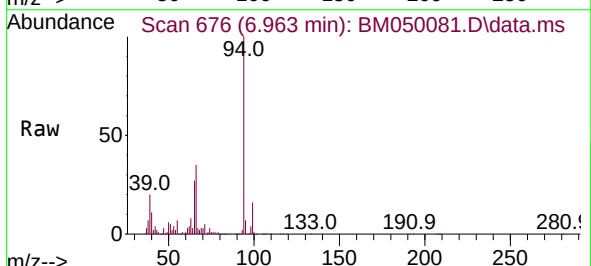
Tgt Ion: 94 Resp: 796370

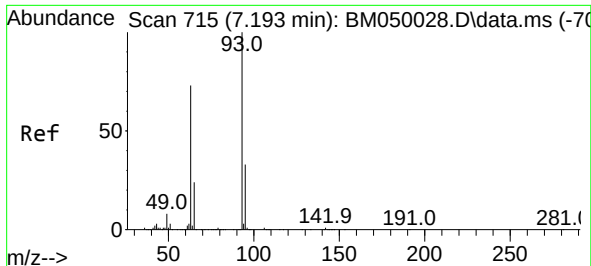
Ion Ratio Lower Upper

94 100

65 27.1 7.6 47.6

66 35.2 15.8 55.8

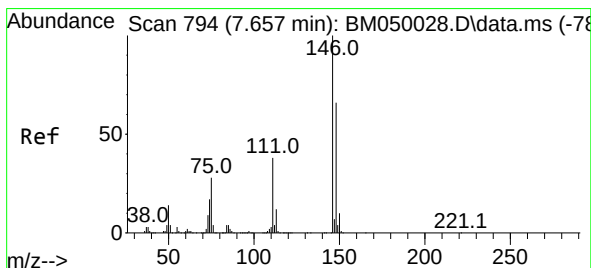
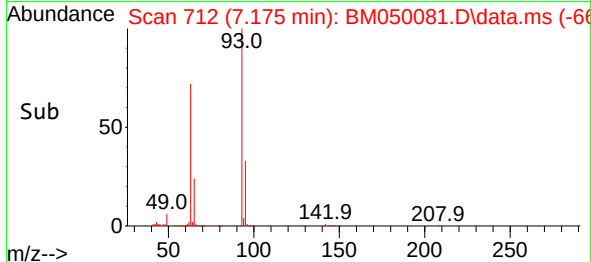
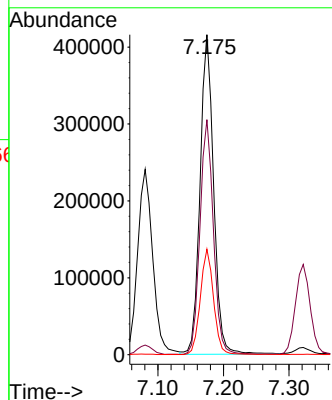
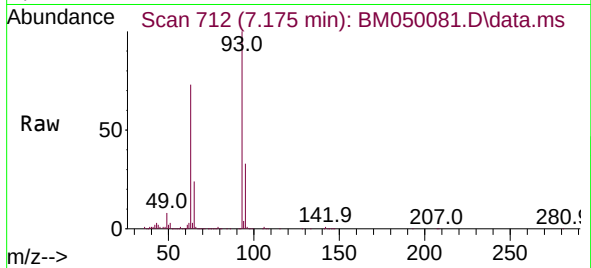




#11
bis(2-Chloroethyl)ether
Concen: 41.507 ng
RT: 7.175 min Scan# 712
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

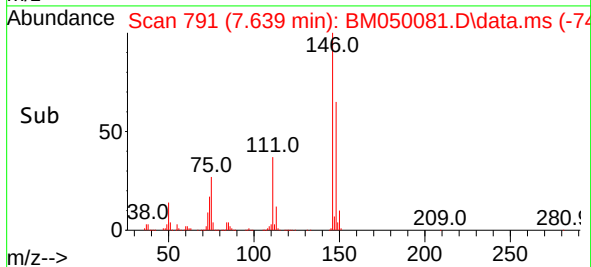
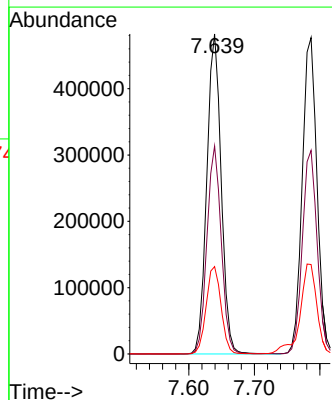
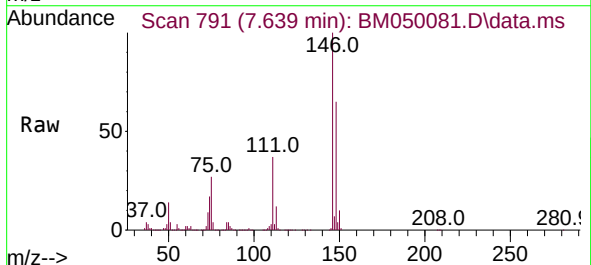
Instrument :
BNA_M
ClientSampleId :
PB167803BS

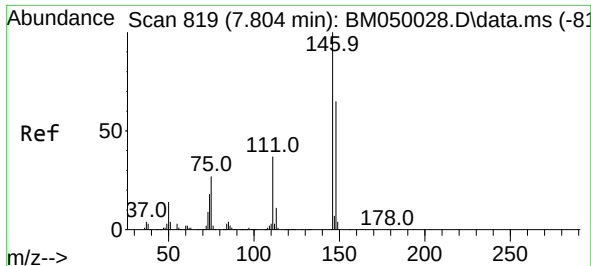
Tgt Ion: 93 Resp: 601231
Ion Ratio Lower Upper
93 100
63 73.4 52.3 92.3
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.408 ng
RT: 7.639 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 146 Resp: 737329
Ion Ratio Lower Upper
146 100
148 65.0 52.5 78.7
75 27.3 22.6 34.0

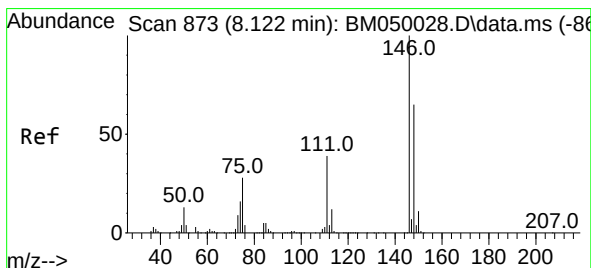
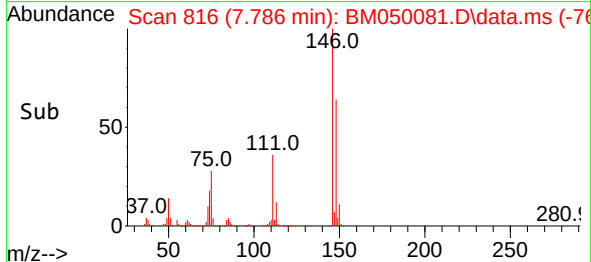
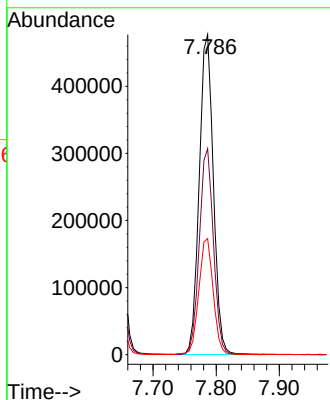
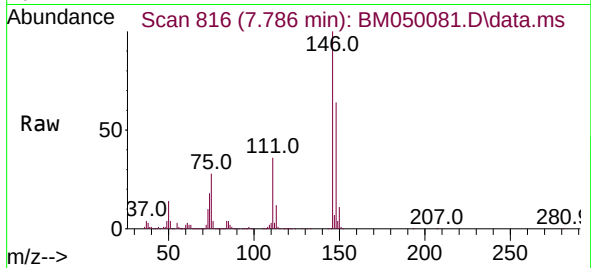




#13
 1,4-Dichlorobenzene
 Concen: 41.484 ng
 RT: 7.786 min Scan# 819
 Delta R.T. -0.018 min
 Lab File: BM050081.D
 Acq: 02 May 2025 11:52

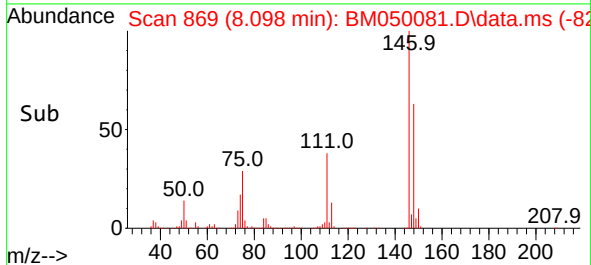
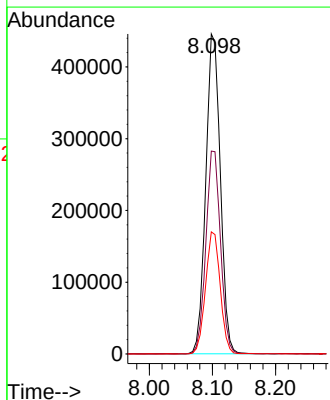
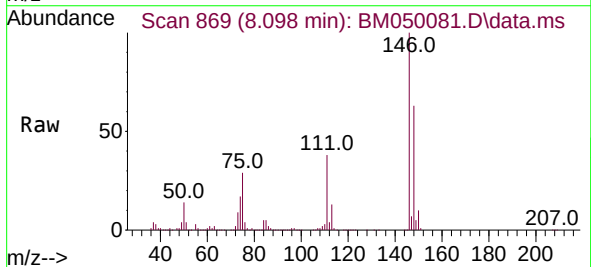
Instrument :
 BNA_M
 ClientSampleId :
 PB167803BS

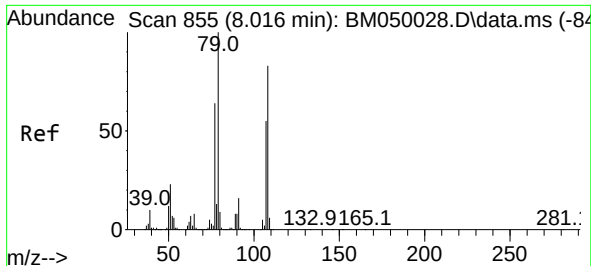
Tgt Ion:146 Resp: 742090
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 36.3 29.3 43.9



#14
 1,2-Dichlorobenzene
 Concen: 41.480 ng
 RT: 8.098 min Scan# 869
 Delta R.T. -0.024 min
 Lab File: BM050081.D
 Acq: 02 May 2025 11:52

Tgt Ion:146 Resp: 716761
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.4 78.6
 111 38.2 31.0 46.6

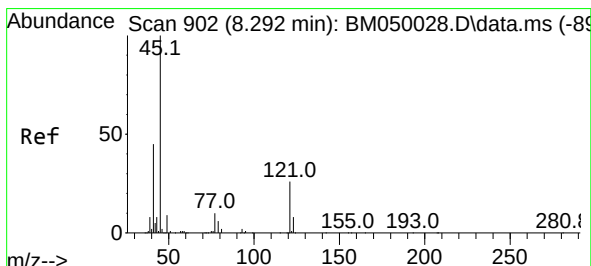
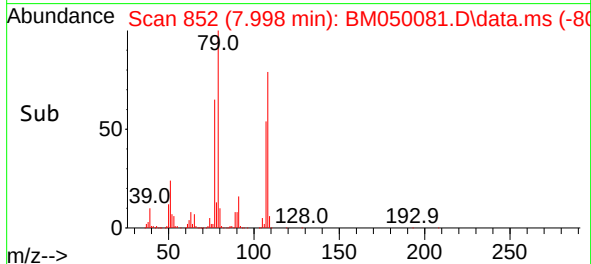
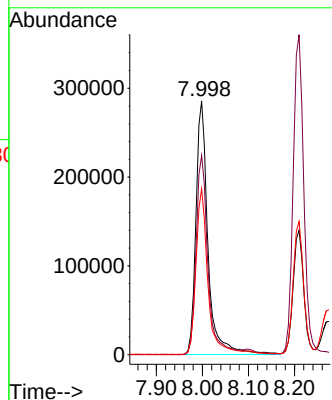
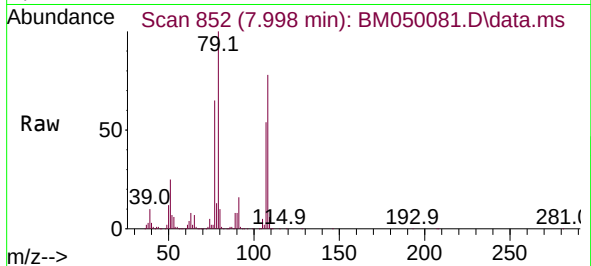




#15
Benzyl Alcohol
Concen: 43.663 ng
RT: 7.998 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

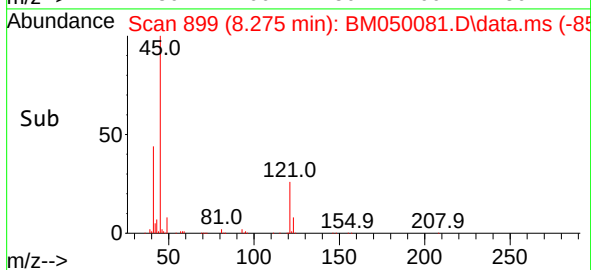
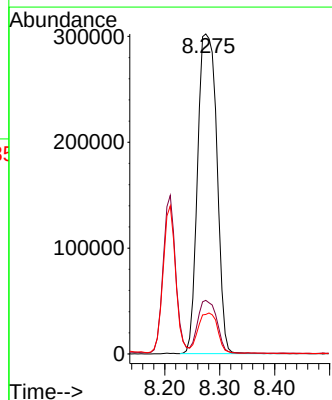
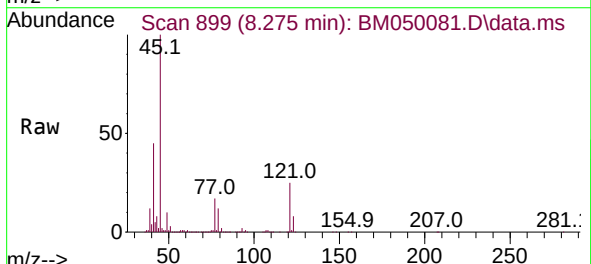
Instrument :
BNA_M
ClientSampleId :
PB167803BS

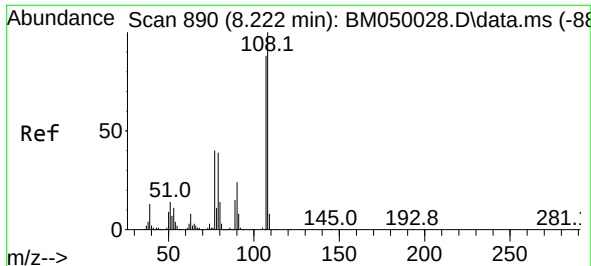
Tgt Ion: 79 Resp: 518865
Ion Ratio Lower Upper
79 100
108 78.5 66.0 99.0
77 65.4 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.554 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 45 Resp: 731665
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.4
79 12.4 0.0 32.7

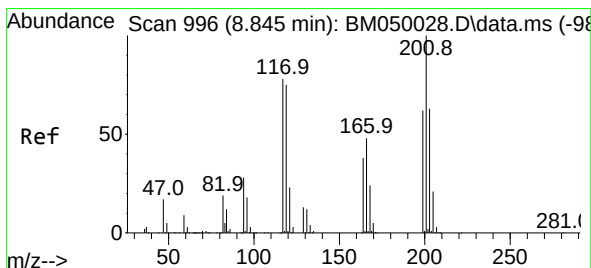
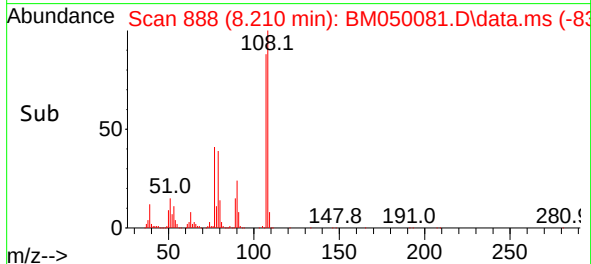
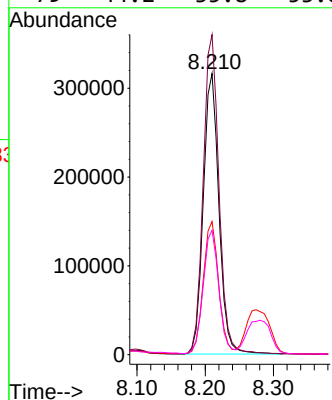
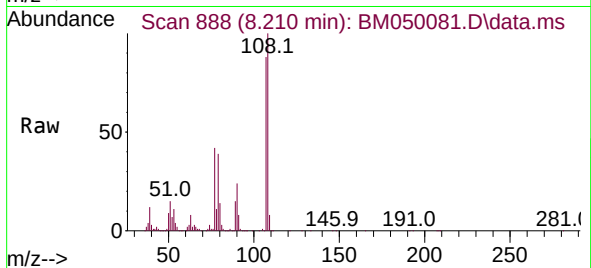




#17
2-Methylphenol
Concen: 44.114 ng
RT: 8.210 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

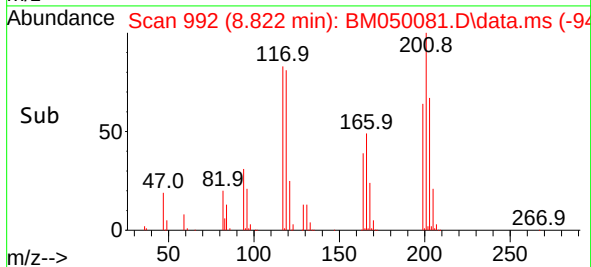
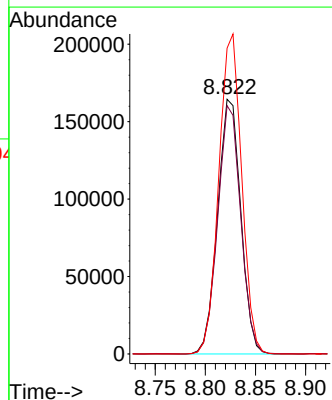
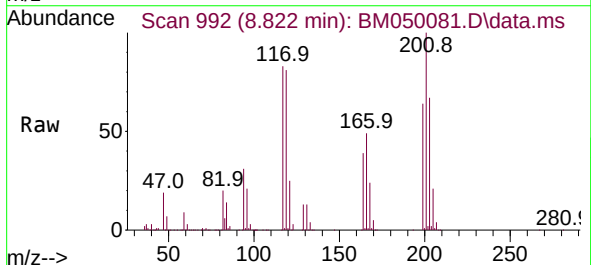
Instrument :
BNA_M
ClientSampleId :
PB167803BS

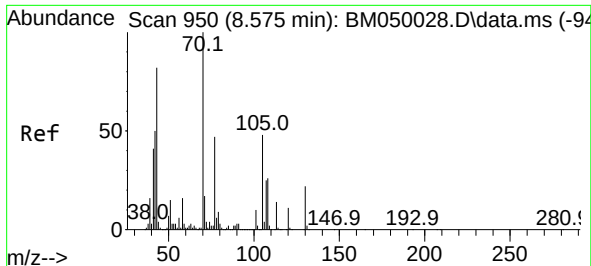
Tgt Ion:	107	Resp:	504118
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	47.3	36.2	54.4
79	44.2	35.8	53.8



#18
Hexachloroethane
Concen: 41.551 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.024 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:	117	Resp:	264223
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.3	115.9
201	120.0	102.8	154.2



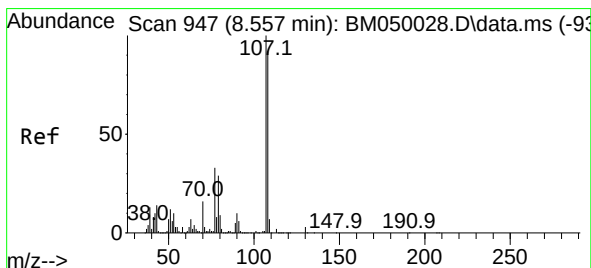
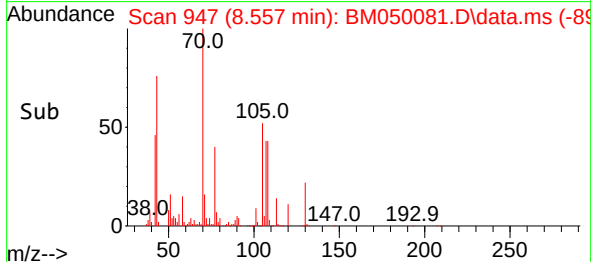
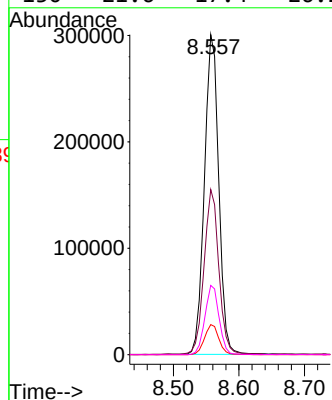
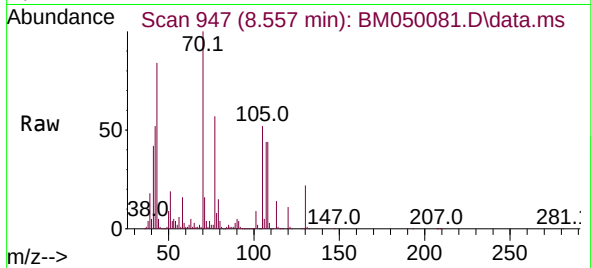


#19
n-Nitroso-di-n-propylamine
Concen: 41.666 ng
RT: 8.557 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion: 70 Resp: 457904

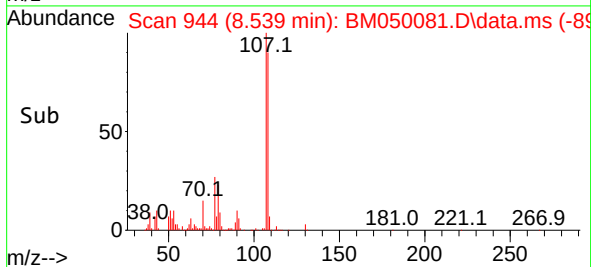
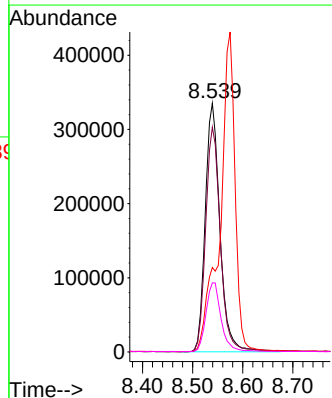
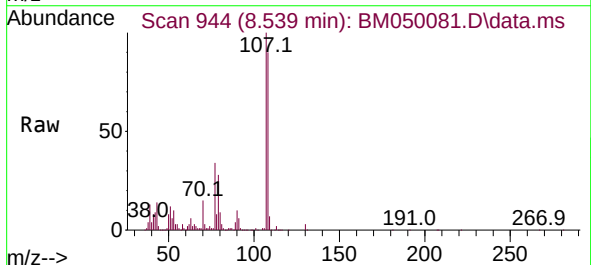
Ion	Ratio	Lower	Upper
70	100		
42	51.6	40.5	60.7
101	9.4	7.8	11.6
130	21.6	17.4	26.2

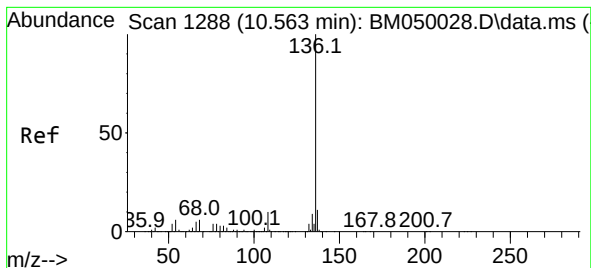


#20
3+4-Methylphenols
Concen: 44.113 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 107 Resp: 680776

Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.4	112.4
77	34.0	13.6	53.6
79	27.8	9.2	49.2

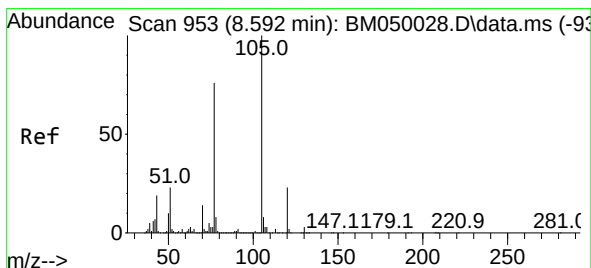
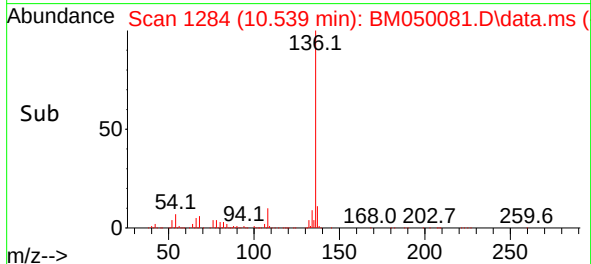
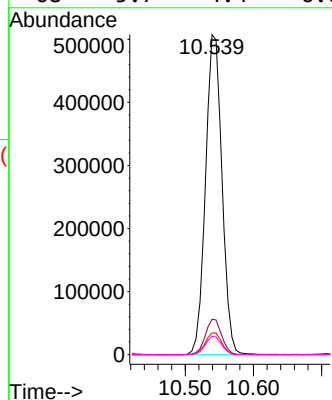
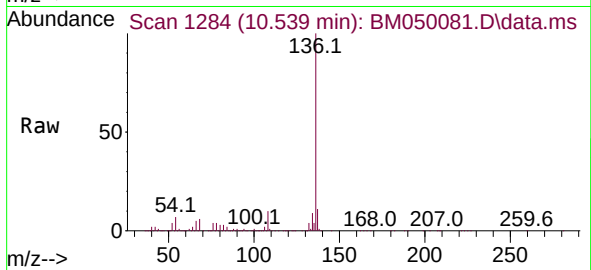




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

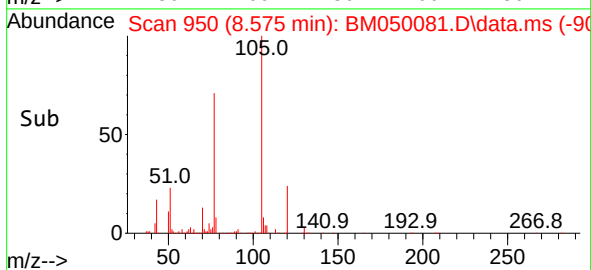
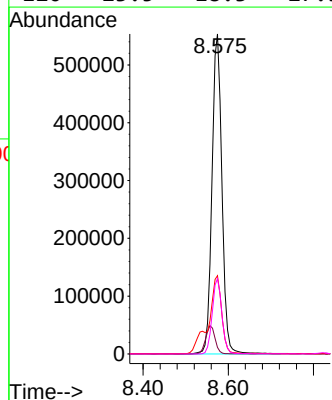
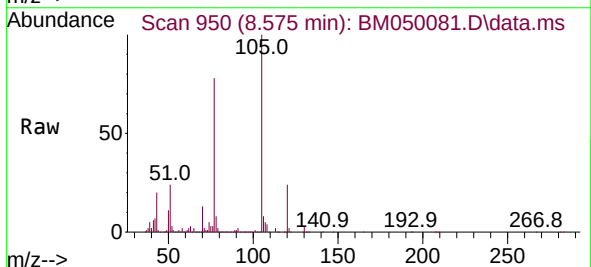
Instrument :
BNA_M
ClientSampleId :
PB167803BS

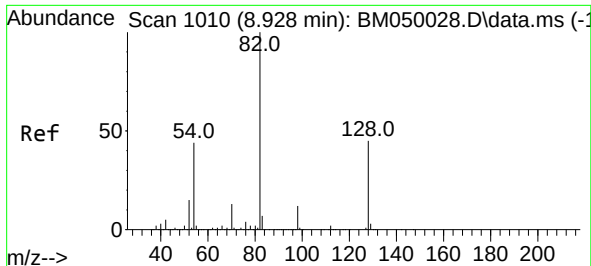
Tgt Ion:136 Resp: 852455
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 5.1 7.7
68 5.7 4.4 6.6



#22
Acetophenone
Concen: 42.354 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:105 Resp: 897627
Ion Ratio Lower Upper
105 100
71 2.1 1.7 2.5
51 24.5 18.6 27.8
120 23.5 18.3 27.5

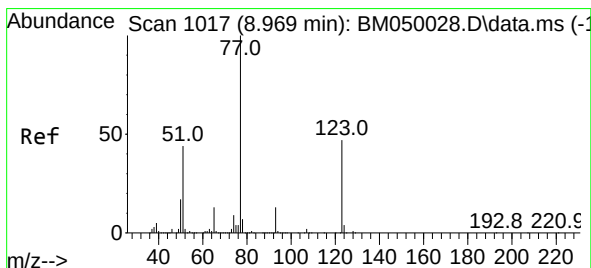
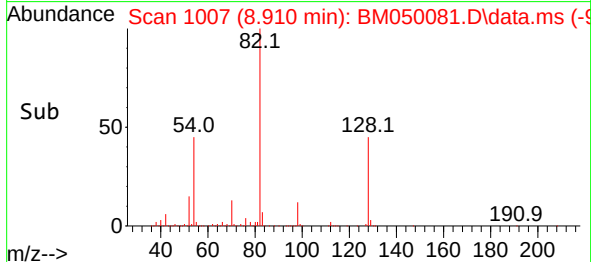
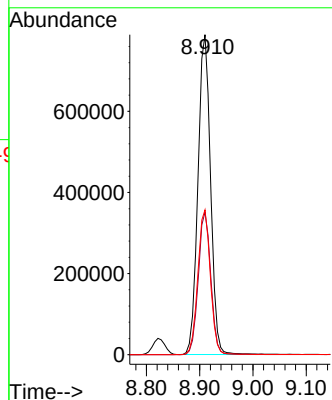
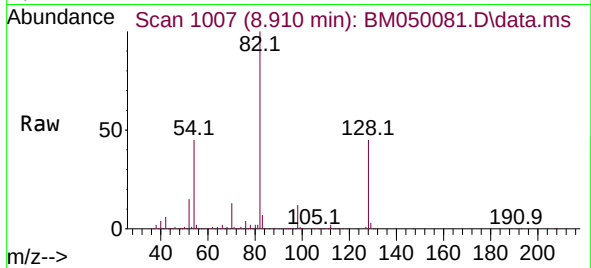




#23
Nitrobenzene-d5
Concen: 75.104 ng
RT: 8.910 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

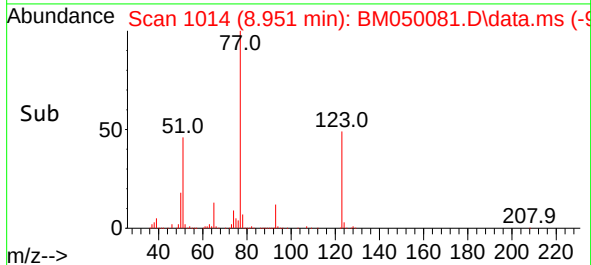
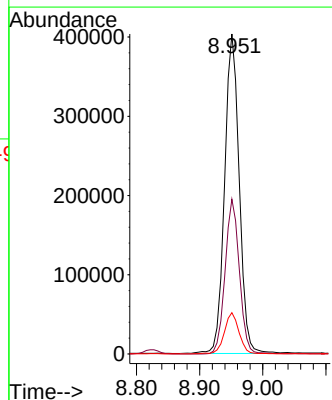
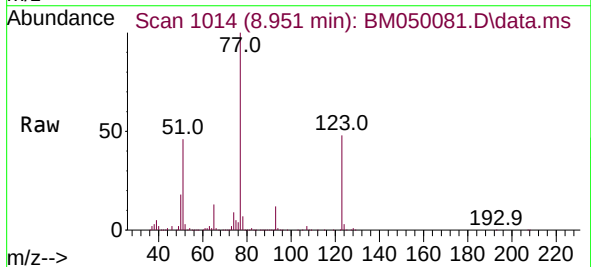
Instrument :
BNA_M
ClientSampleId :
PB167803BS

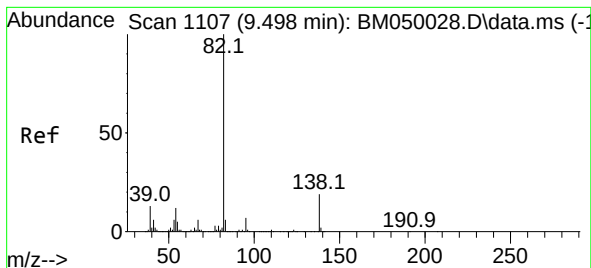
Tgt Ion: 82 Resp: 1299262
Ion Ratio Lower Upper
82 100
128 44.5 35.7 53.5
54 45.2 35.4 53.2



#24
Nitrobenzene
Concen: 43.404 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 77 Resp: 649250
Ion Ratio Lower Upper
77 100
123 48.4 37.9 56.9
65 12.9 10.1 15.1





#25

Isophorone

Concen: 40.413 ng

RT: 9.480 min Scan# 1104

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

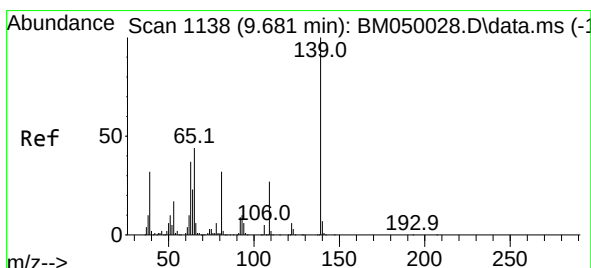
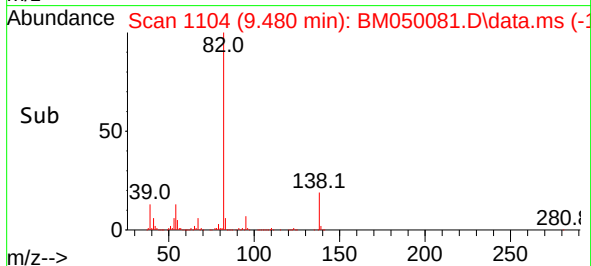
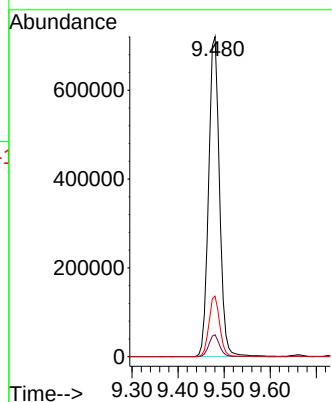
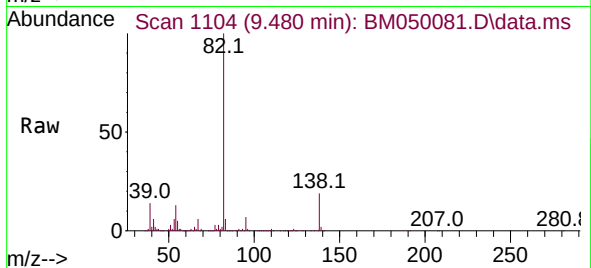
Tgt Ion: 82 Resp: 1191736

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 18.9 15.5 23.3



#26

2-Nitrophenol

Concen: 43.992 ng

RT: 9.663 min Scan# 1135

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

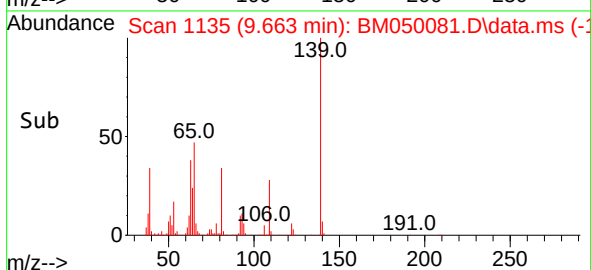
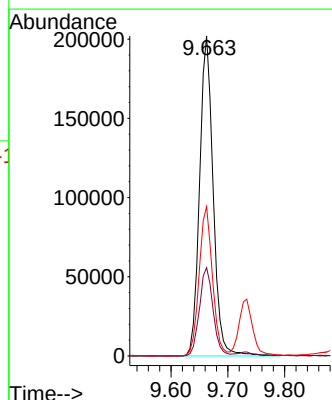
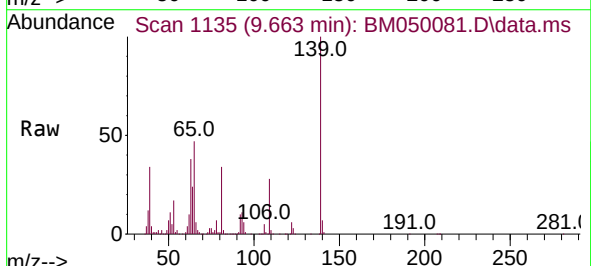
Tgt Ion: 139 Resp: 336179

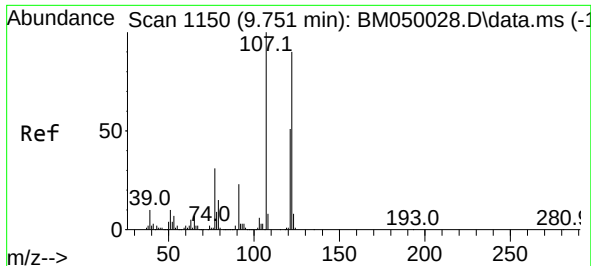
Ion Ratio Lower Upper

139 100

109 27.6 21.9 32.9

65 46.7 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 44.204 ng

RT: 9.733 min Scan# 1147

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

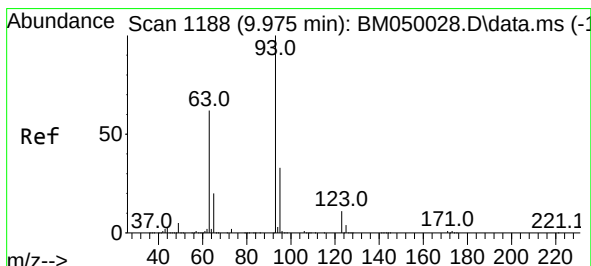
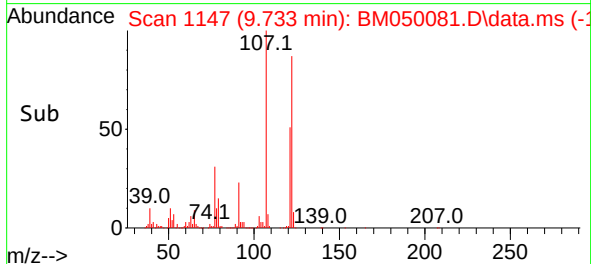
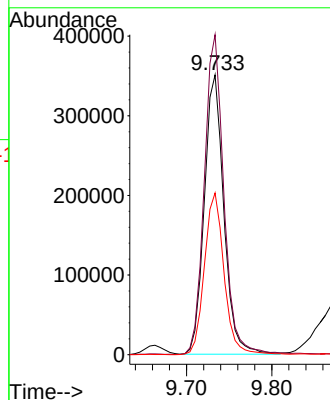
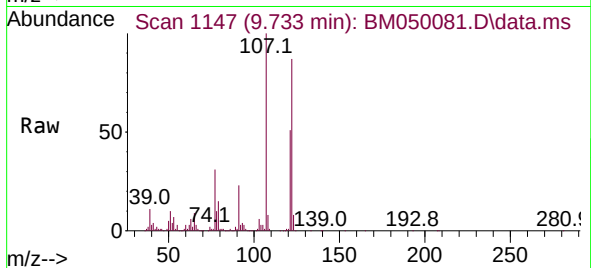
Tgt Ion:122 Resp: 560187

Ion Ratio Lower Upper

122 100

107 114.4 89.0 133.6

121 57.8 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.717 ng

RT: 9.957 min Scan# 1185

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

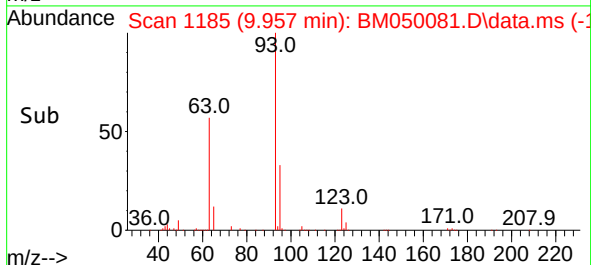
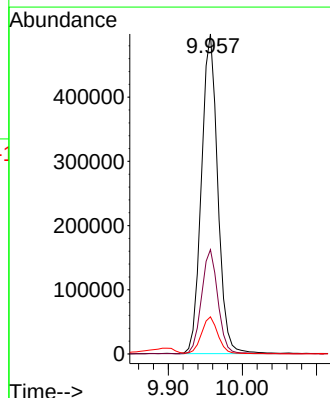
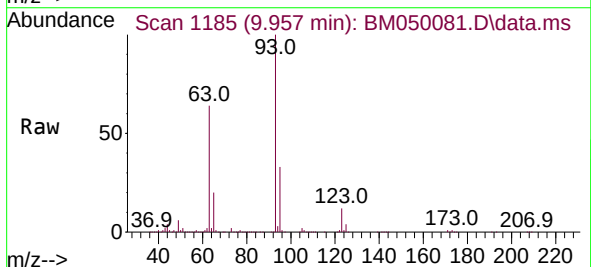
Tgt Ion: 93 Resp: 760340

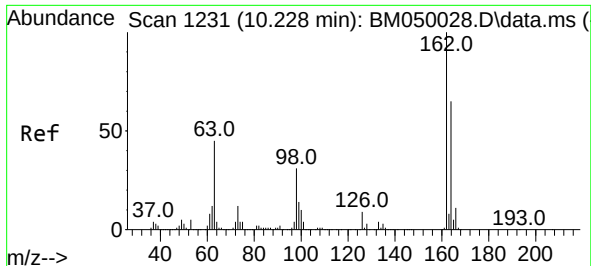
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.503 ng

RT: 10.210 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

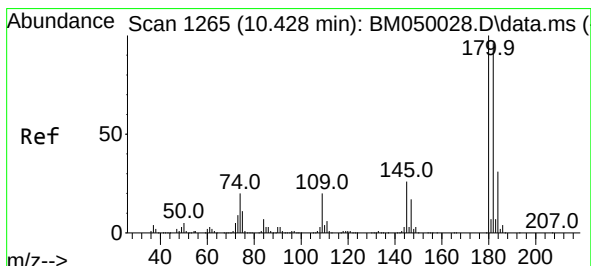
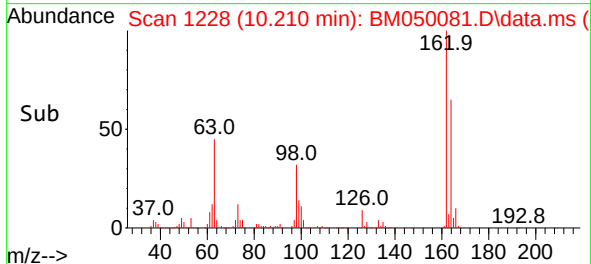
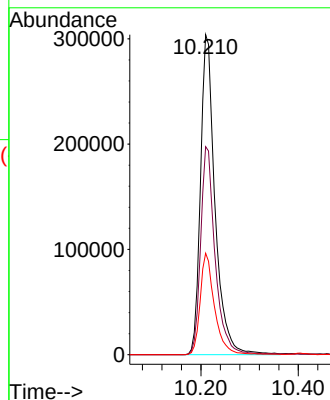
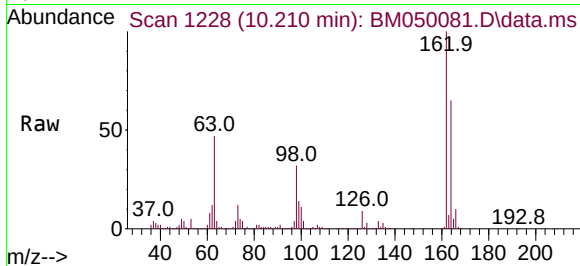
Tgt Ion:162 Resp: 631822

Ion Ratio Lower Upper

162 100

164 65.0 45.4 85.4

98 31.7 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 41.829 ng

RT: 10.410 min Scan# 1262

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

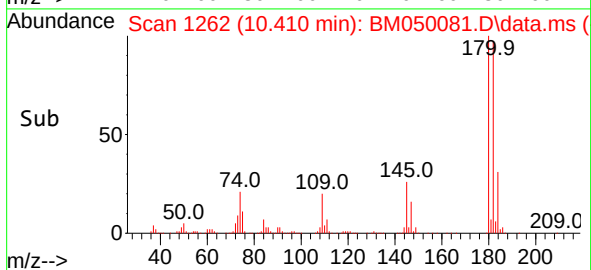
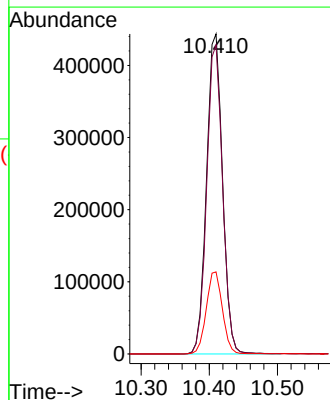
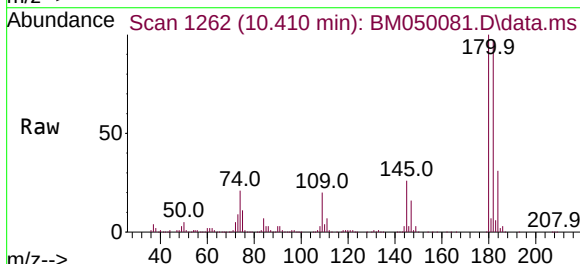
Tgt Ion:180 Resp: 723534

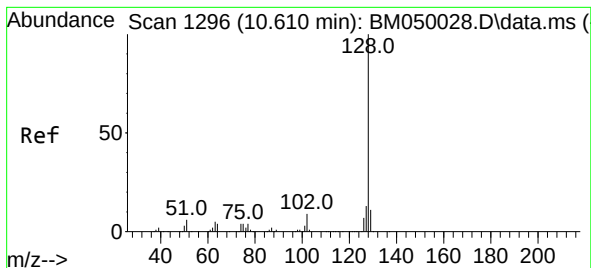
Ion Ratio Lower Upper

180 100

182 96.6 77.0 115.4

145 25.6 20.6 30.8

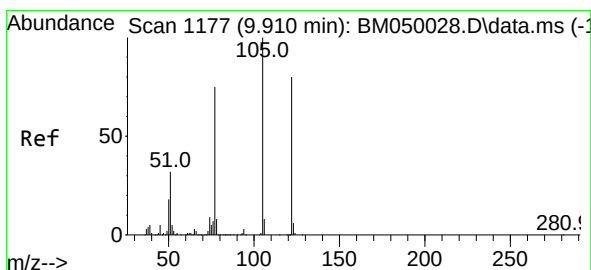
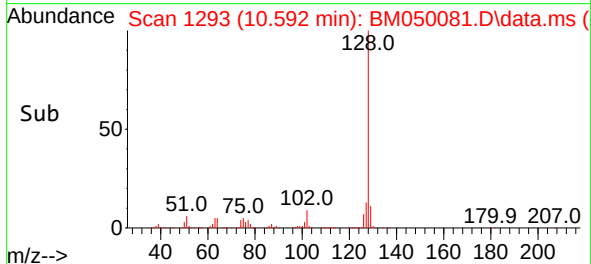
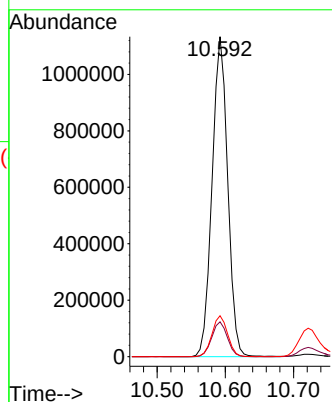
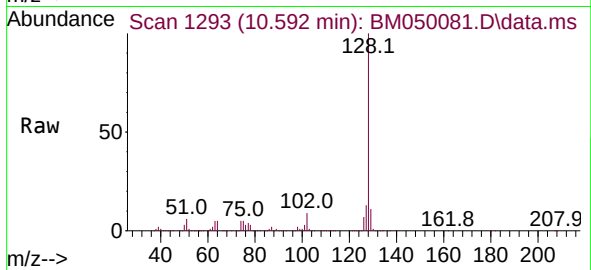




#31
Naphthalene
Concen: 41.857 ng
RT: 10.592 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

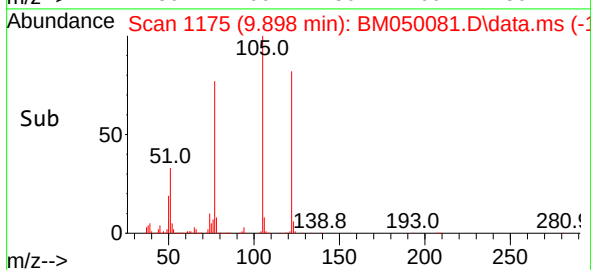
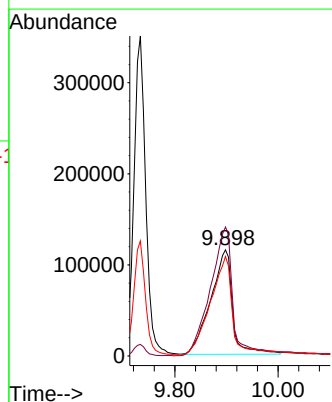
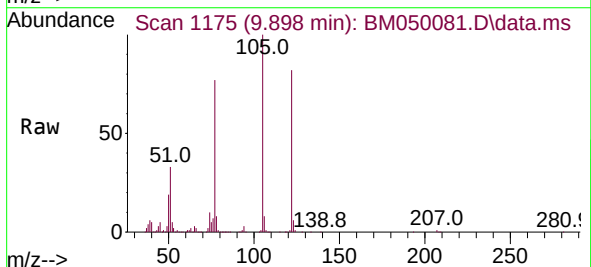
Instrument :
BNA_M
ClientSampleId :
PB167803BS

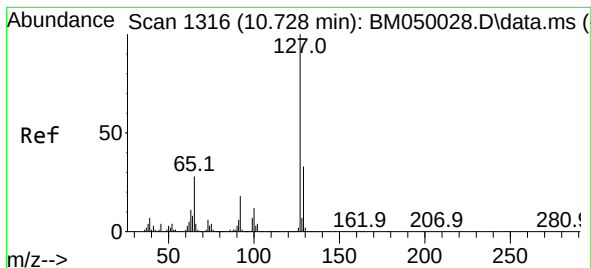
Tgt Ion:128 Resp: 1806992
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 41.758 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:122 Resp: 338454
Ion Ratio Lower Upper
122 100
105 121.5 103.6 143.6
77 93.8 73.7 113.7

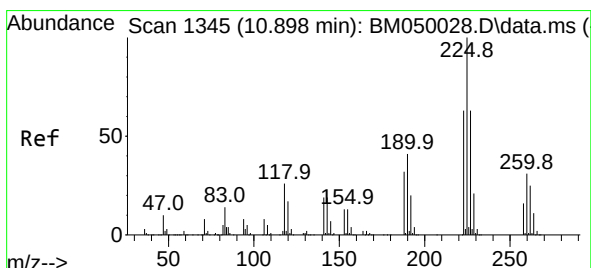
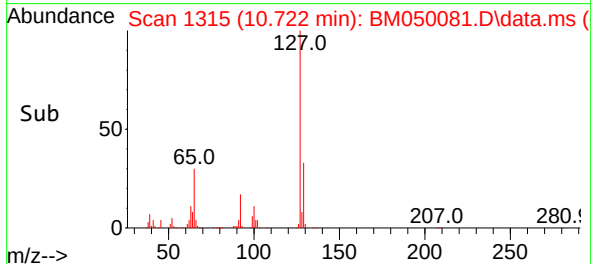
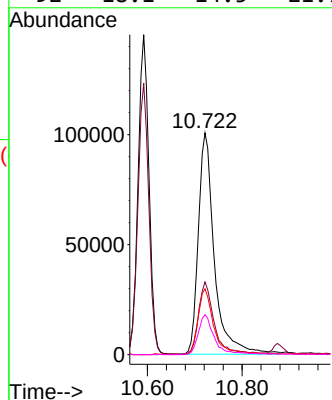
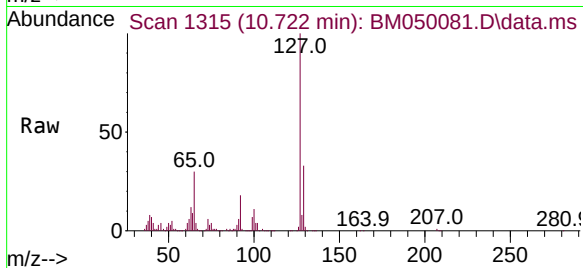




#33
4-Chloroaniline
Concen: 13.393 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

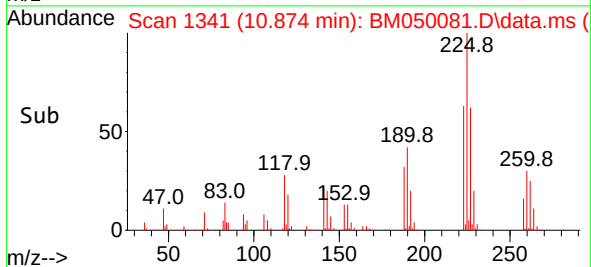
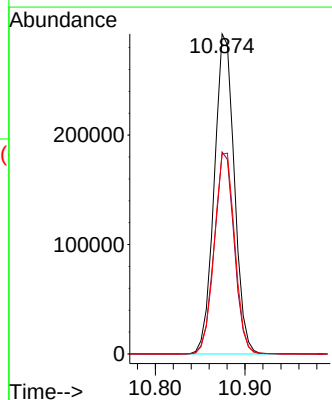
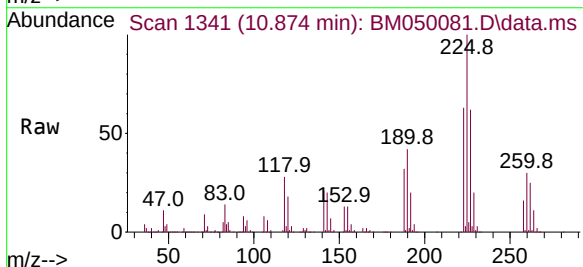
Instrument :
BNA_M
ClientSampleId :
PB167803BS

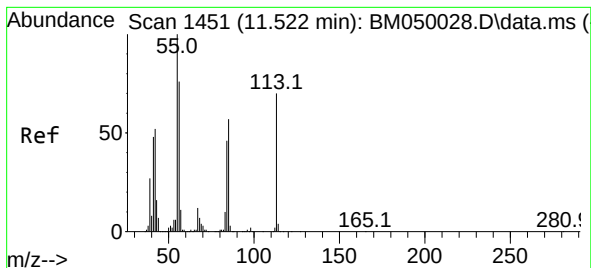
Tgt Ion:	127	Resp:	236990
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	29.8	22.5	33.7
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.328 ng
RT: 10.874 min Scan# 1341
Delta R.T. -0.024 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:	225	Resp:	453768
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	62.5	50.6	76.0

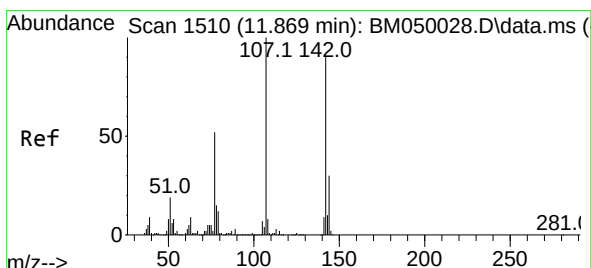
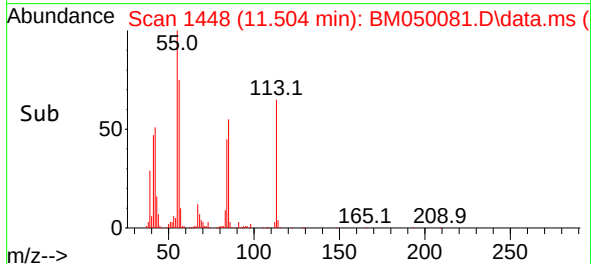
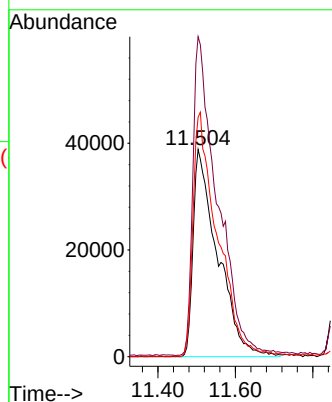
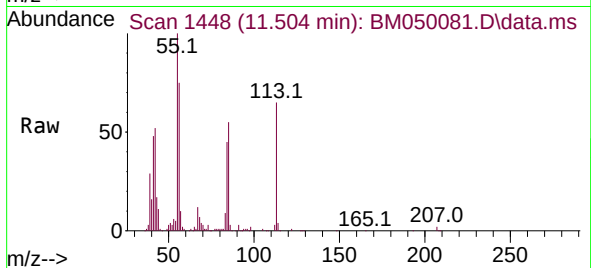




#35
Caprolactam
Concen: 41.029 ng
RT: 11.504 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

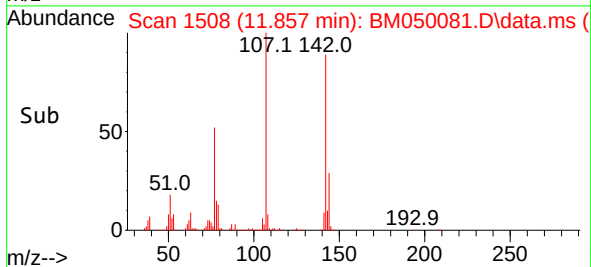
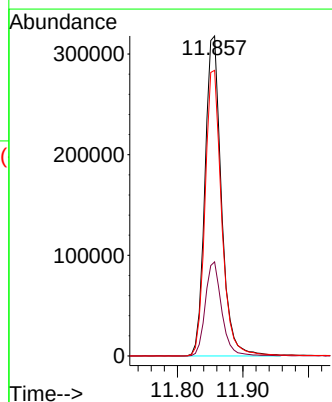
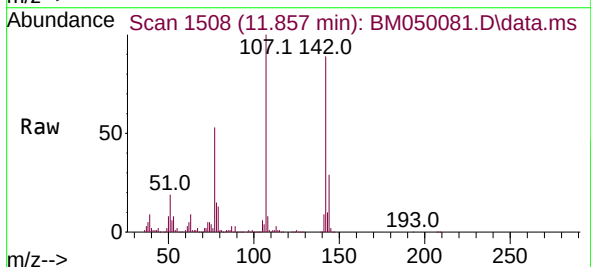
Instrument :
BNA_M
ClientSampleId :
PB167803BS

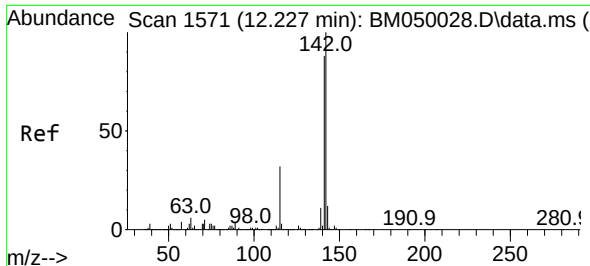
Tgt Ion:113 Resp: 169843
Ion Ratio Lower Upper
113 100
55 154.4 122.9 162.9
56 115.6 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 42.366 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:107 Resp: 555694
Ion Ratio Lower Upper
107 100
144 29.4 23.8 35.6
142 89.2 71.9 107.9

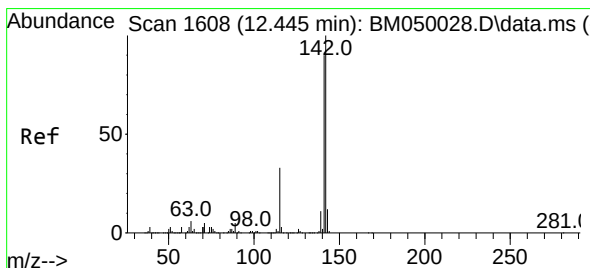
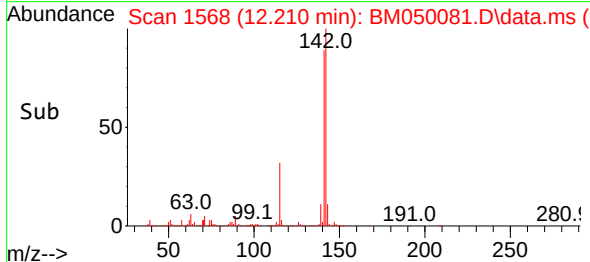
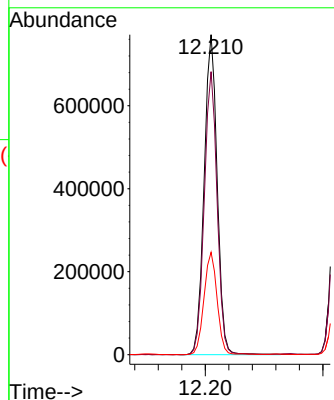
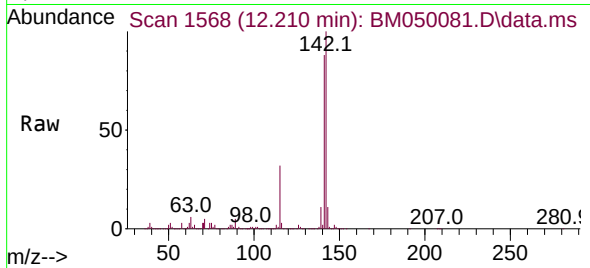




#37
2-Methylnaphthalene
Concen: 40.867 ng
RT: 12.210 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

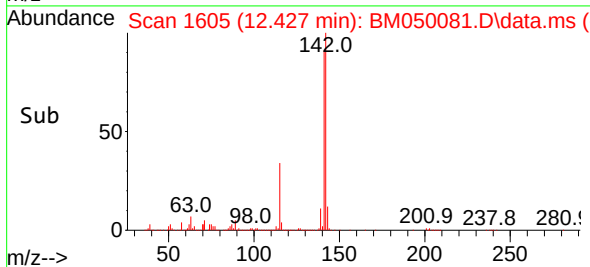
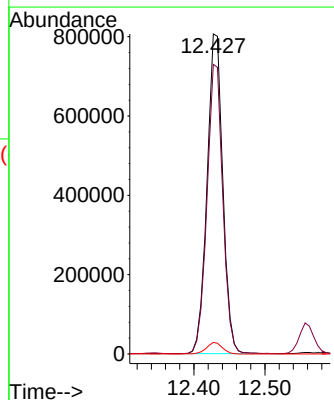
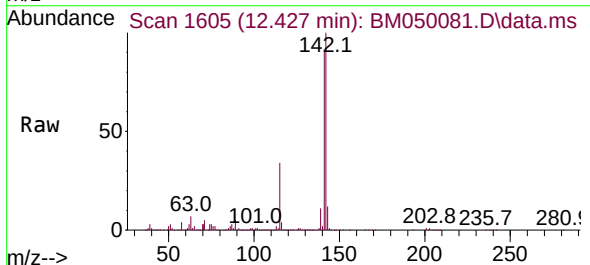
Instrument :
BNA_M
ClientSampleId :
PB167803BS

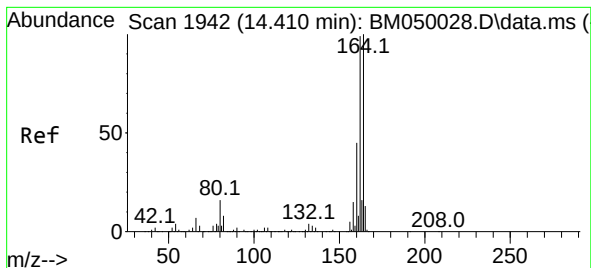
Tgt Ion:142 Resp: 1182840
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6
115 32.0 25.4 38.2



#38
1-Methylnaphthalene
Concen: 40.691 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:142 Resp: 1246383
Ion Ratio Lower Upper
142 100
141 90.5 72.1 108.1
116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

Delta R.T. -0.012 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

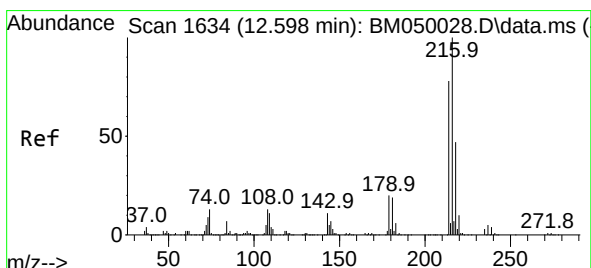
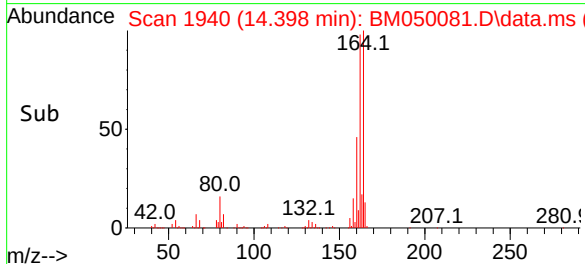
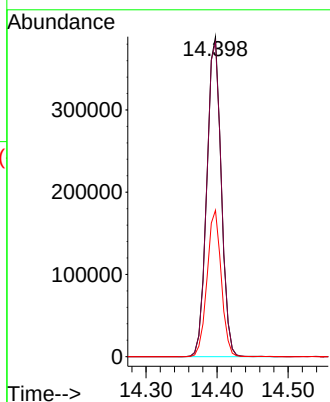
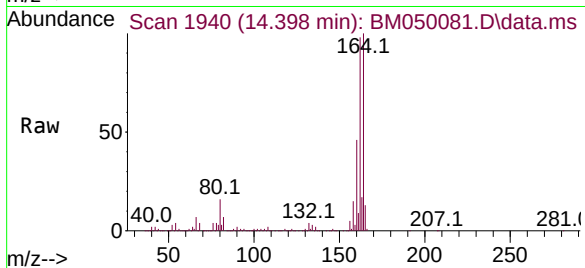
Tgt Ion:164 Resp: 546617

Ion Ratio Lower Upper

164 100

162 98.3 79.4 119.0

160 45.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.129 ng

RT: 12.586 min Scan# 1632

Delta R.T. -0.012 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Tgt Ion:216 Resp: 816106

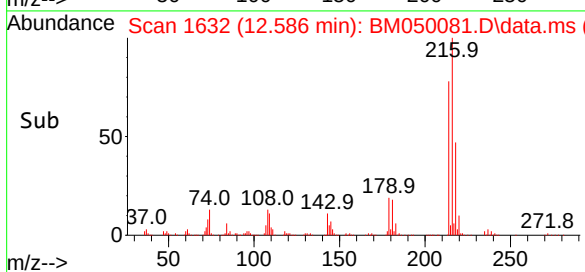
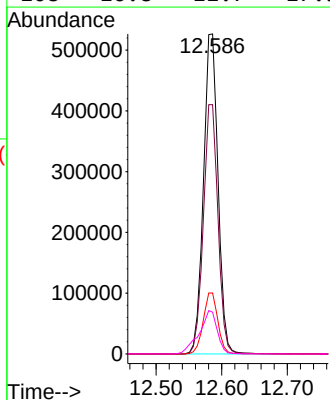
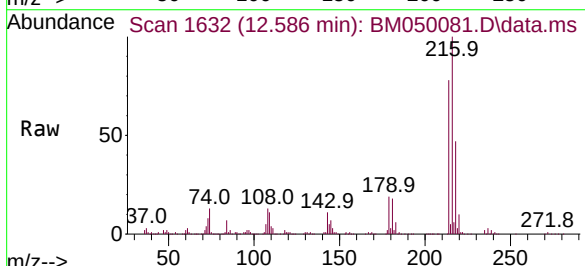
Ion Ratio Lower Upper

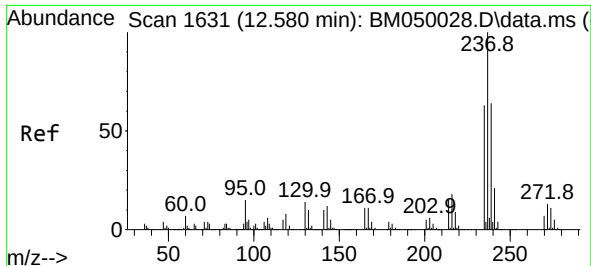
216 100

214 78.2 62.3 93.5

179 19.2 15.4 23.0

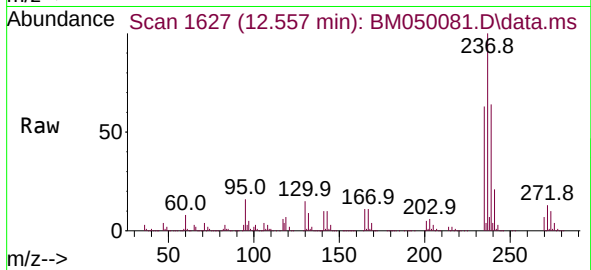
108 16.8 11.7 17.5



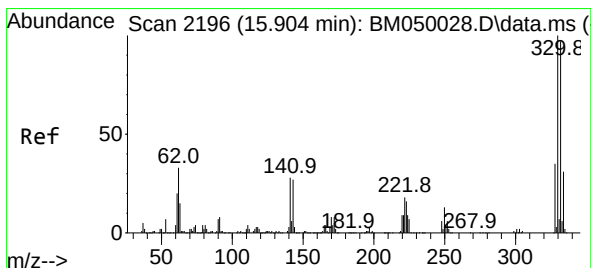
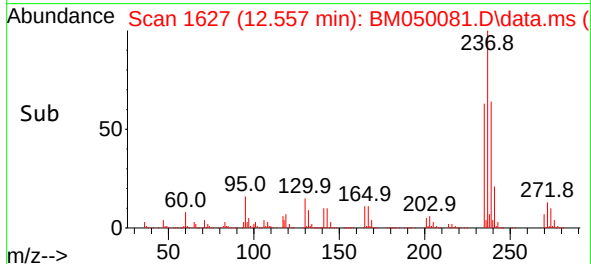
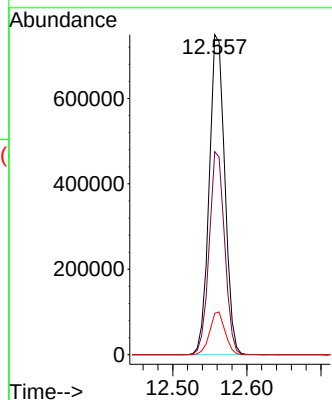


#41
Hexachlorocyclopentadiene
Concen: 94.488 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

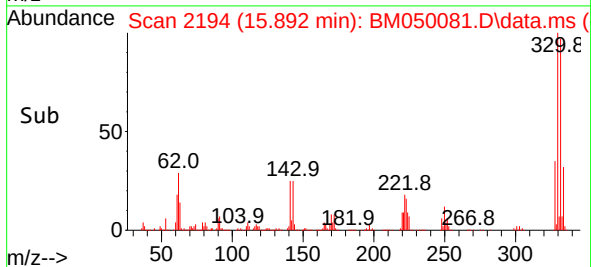
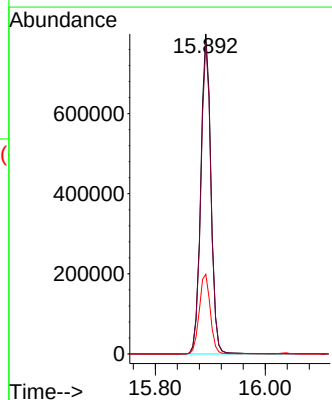
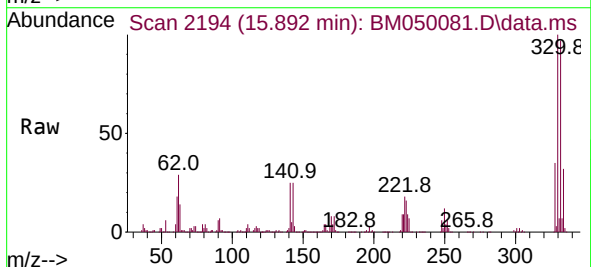


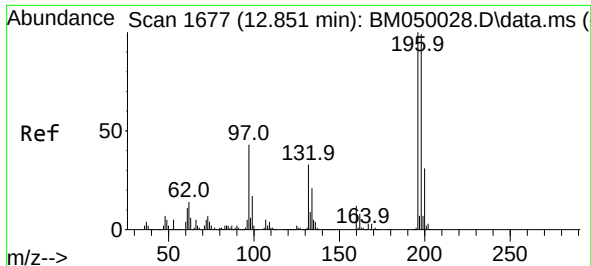
Tgt Ion:237 Resp: 1092645
Ion Ratio Lower Upper
237 100
235 63.4 42.9 82.9
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 127.183 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:330 Resp: 1027949
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 27.0 22.5 33.7

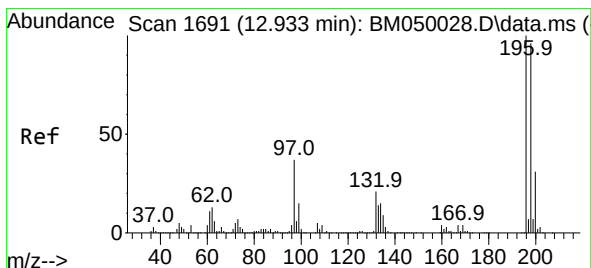
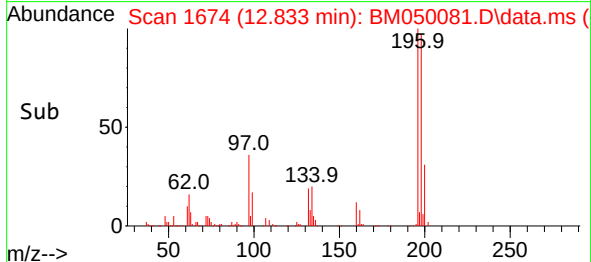
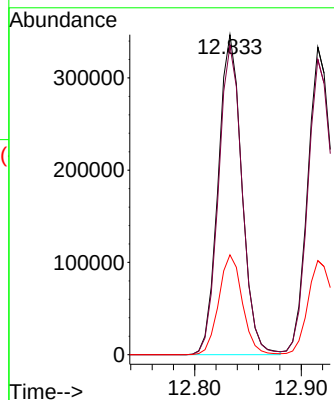
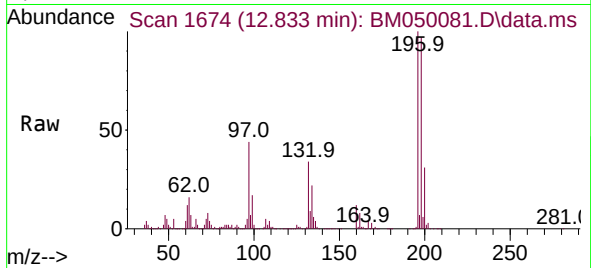




#43
2,4,6-Trichlorophenol
Concen: 44.541 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

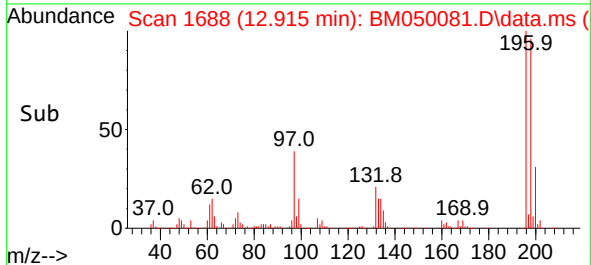
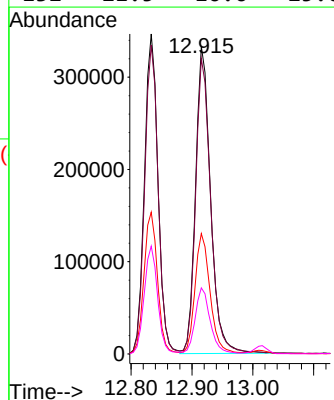
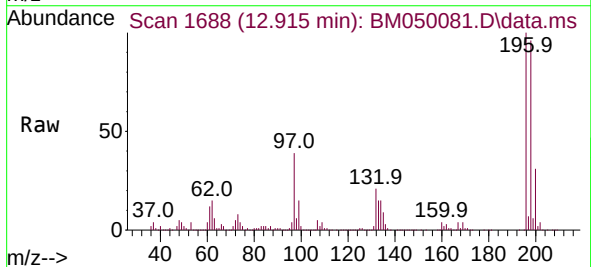
Instrument :
BNA_M
ClientSampleId :
PB167803BS

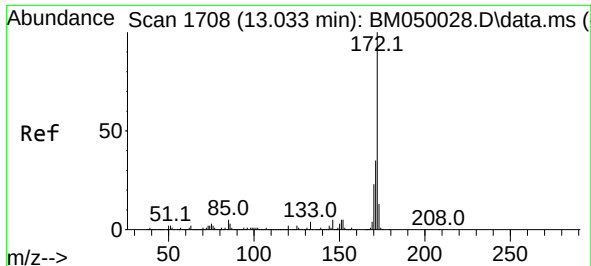
Tgt Ion:196 Resp: 534568
Ion Ratio Lower Upper
196 100
198 96.5 79.0 118.6
200 31.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.257 ng
RT: 12.915 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:196 Resp: 572778
Ion Ratio Lower Upper
196 100
198 96.0 76.7 115.1
97 39.1 30.1 45.1
132 21.5 16.6 25.0

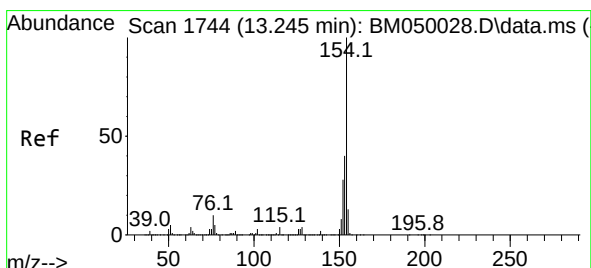
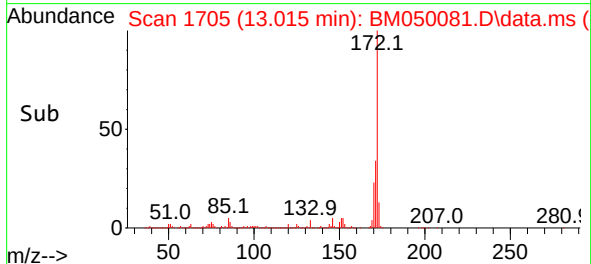
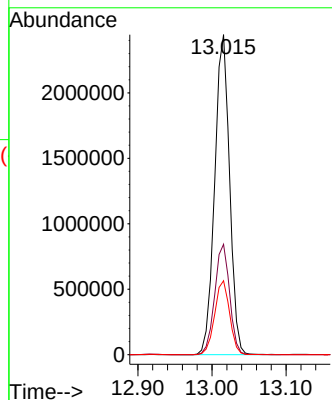
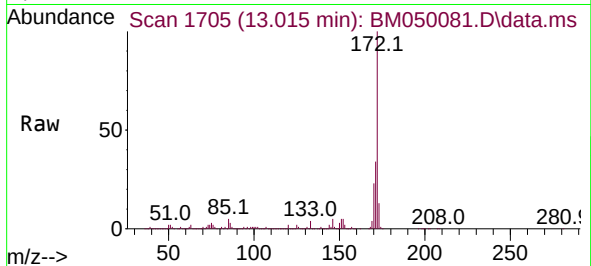




#45
2-Fluorobiphenyl
Concen: 73.726 ng
RT: 13.015 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

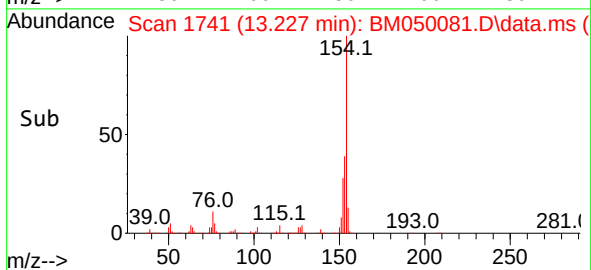
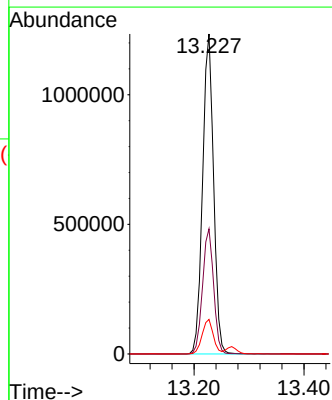
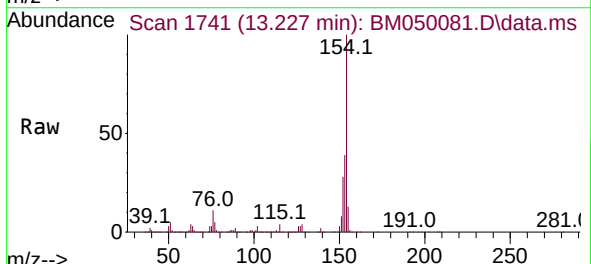
Instrument :
BNA_M
ClientSampleId :
PB167803BS

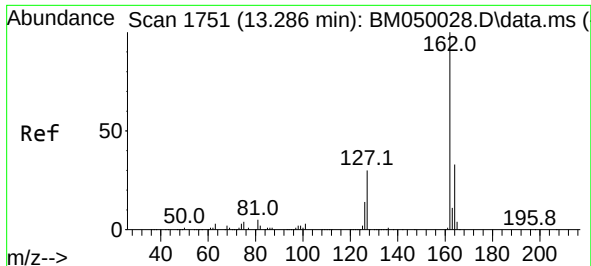
Tgt Ion:172 Resp: 3406612
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.204 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:154 Resp: 1714850
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 10.8 0.0 30.3

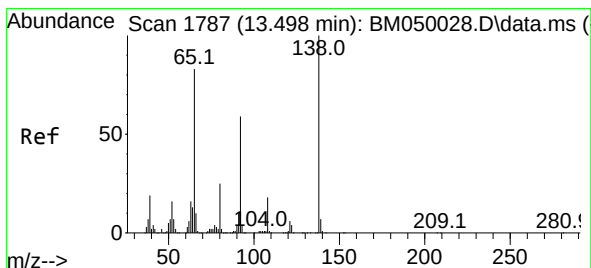
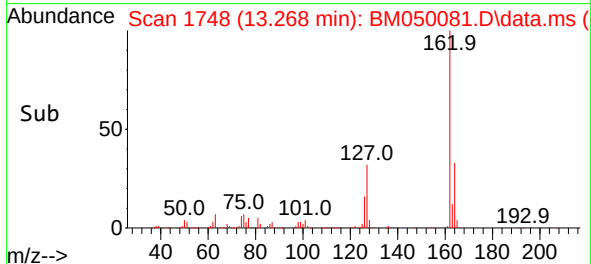
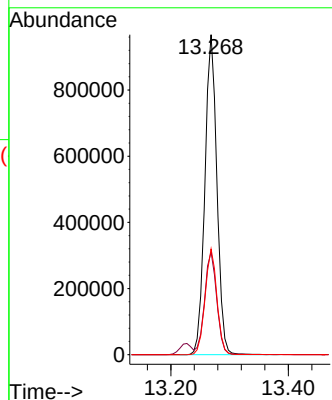
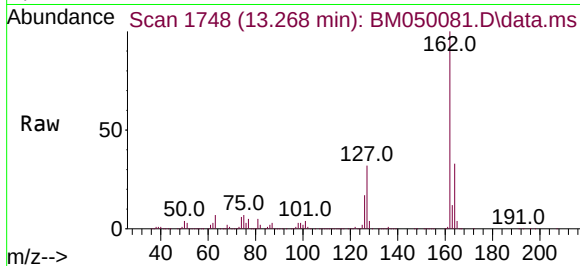




#47
2-Chloronaphthalene
Concen: 42.639 ng
RT: 13.268 min Scan# 1751
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

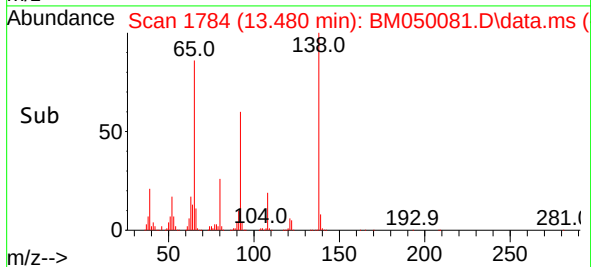
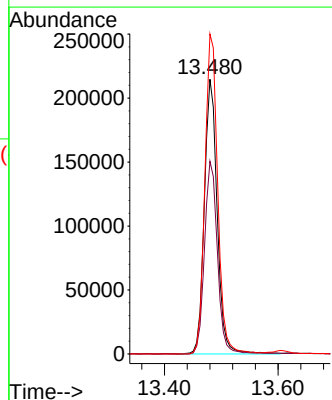
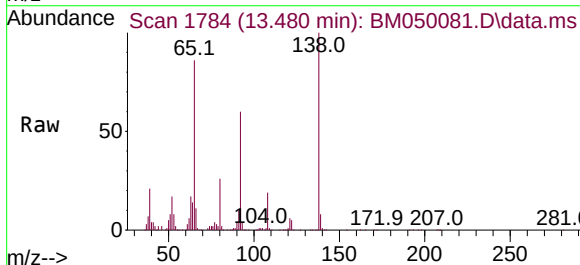
Instrument :
BNA_M
ClientSampleId :
PB167803BS

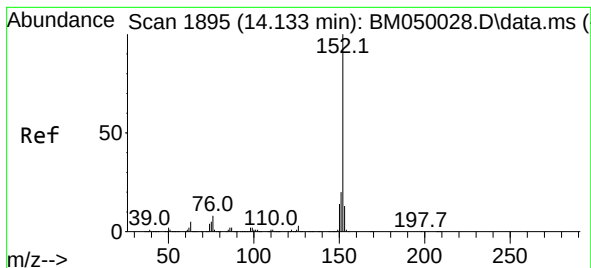
Tgt Ion:162 Resp: 1372162
Ion Ratio Lower Upper
162 100
127 32.1 25.9 38.9
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 44.660 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion: 65 Resp: 337316
Ion Ratio Lower Upper
65 100
92 70.1 57.1 85.7
138 116.5 97.0 145.4





#49

Acenaphthylene

Concen: 42.462 ng

RT: 14.115 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

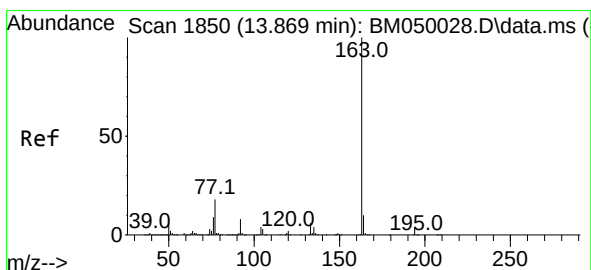
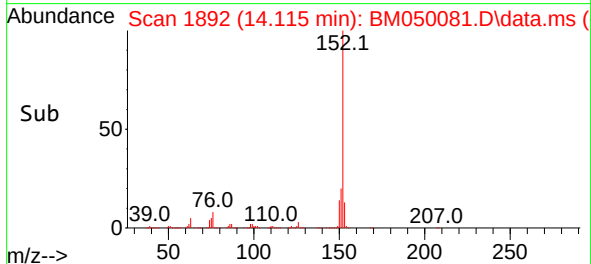
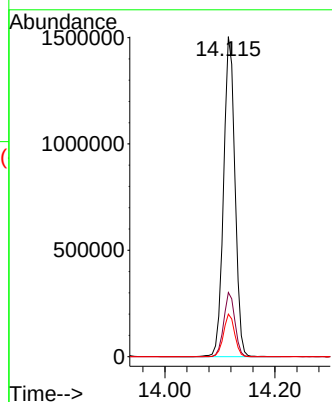
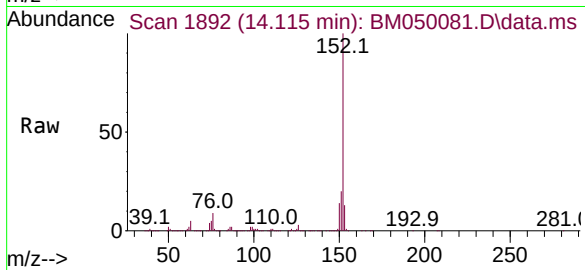
Tgt Ion:152 Resp: 2154517

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 41.450 ng

RT: 13.857 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

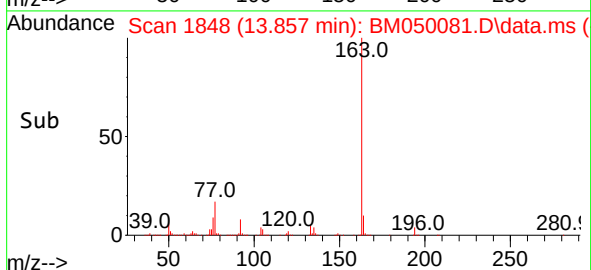
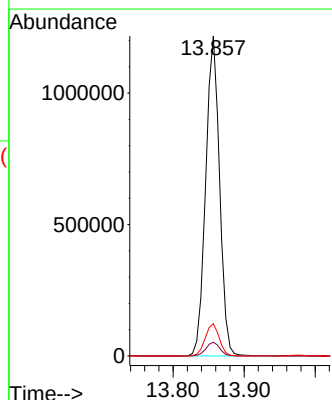
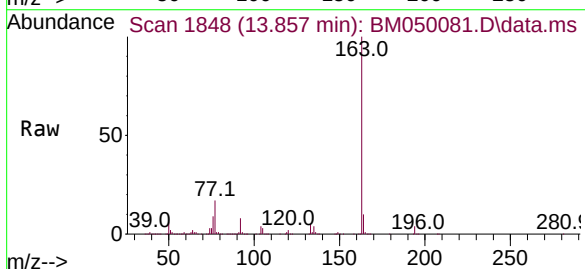
Tgt Ion:163 Resp: 1655809

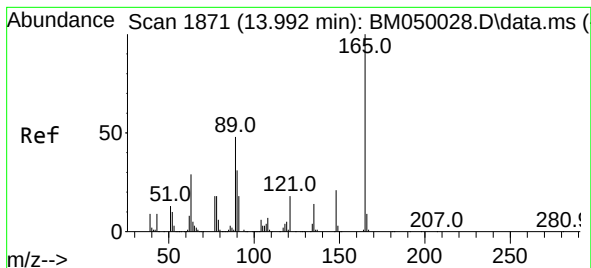
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.1 8.2 12.2

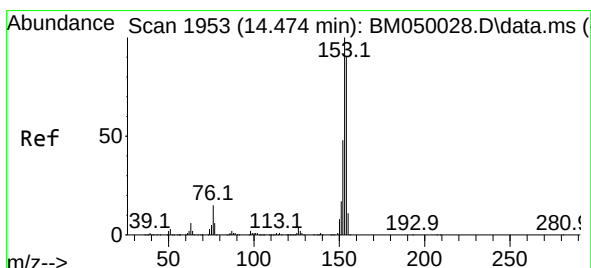
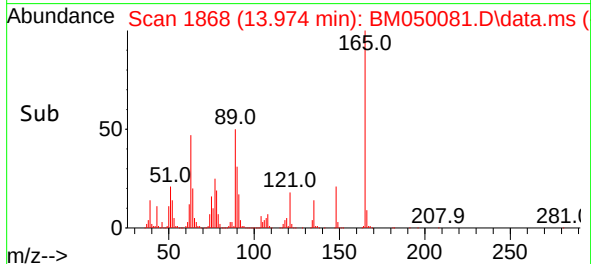
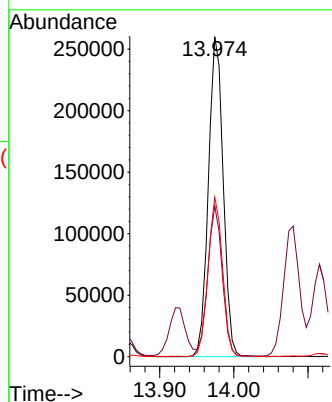
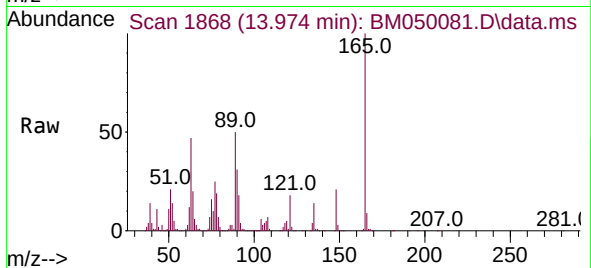




#51
2,6-Dinitrotoluene
Concen: 43.611 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

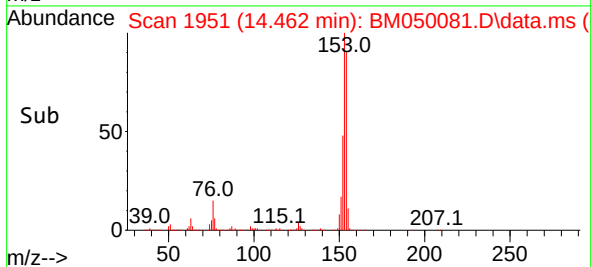
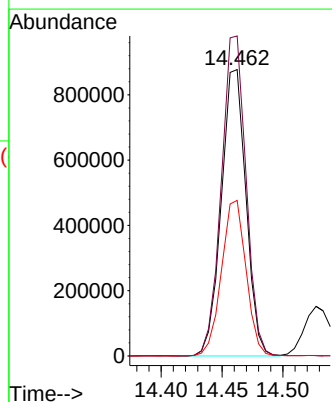
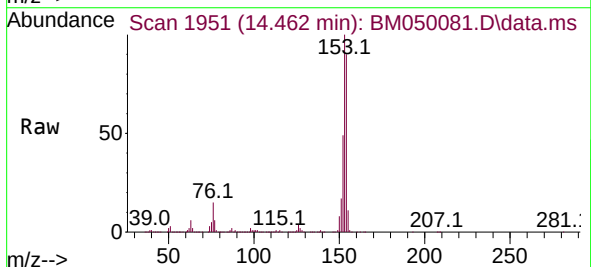
Instrument :
BNA_M
ClientSampleId :
PB167803BS

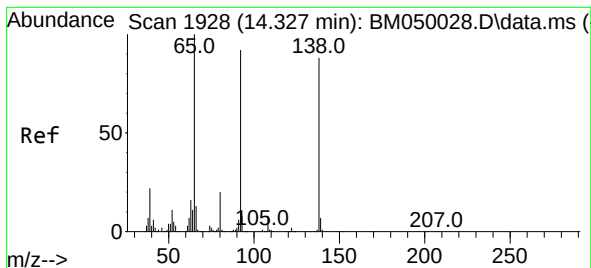
Tgt Ion:165 Resp: 360700
Ion Ratio Lower Upper
165 100
63 47.1 35.1 52.7
89 49.8 38.4 57.6



#52
Acenaphthene
Concen: 42.149 ng
RT: 14.462 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:154 Resp: 1237912
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.4
152 54.3 43.0 64.6

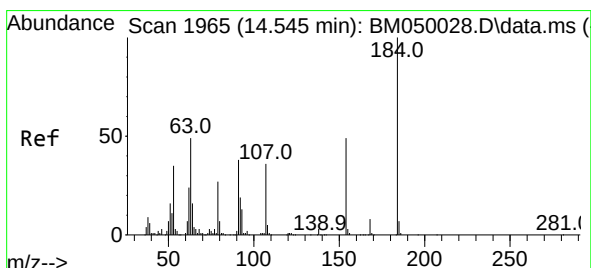
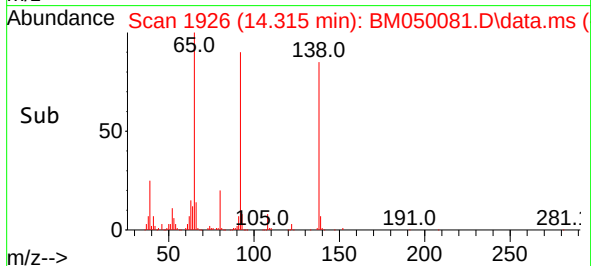
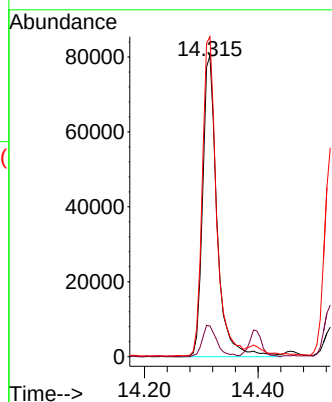
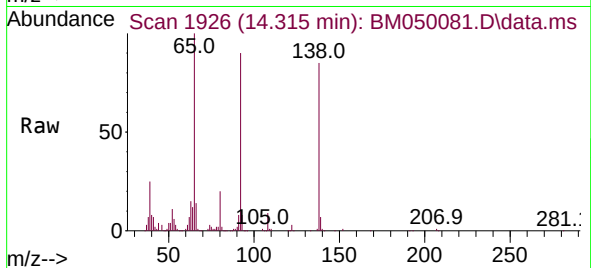




#53
3-Nitroaniline
Concen: 17.840 ng
RT: 14.315 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

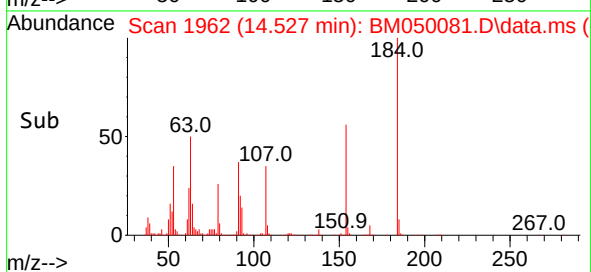
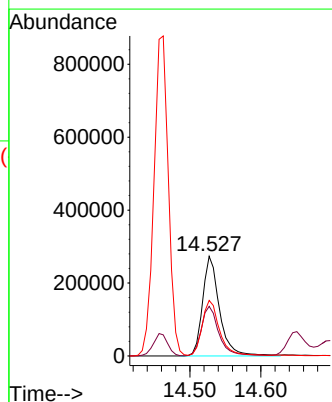
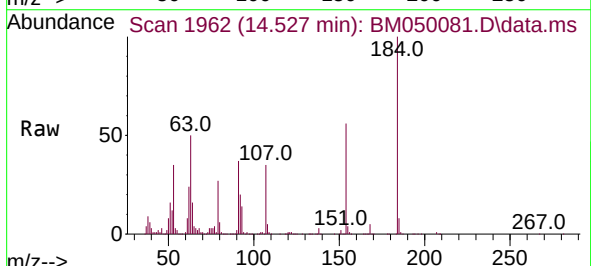
Instrument :
BNA_M
ClientSampleId :
PB167803BS

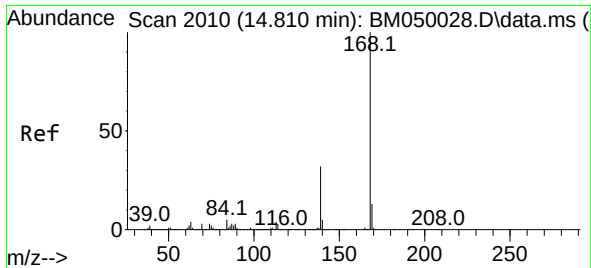
Tgt Ion:138 Resp: 140875
Ion Ratio Lower Upper
138 100
108 10.2 7.4 11.2
92 106.3 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 85.127 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:184 Resp: 452687
Ion Ratio Lower Upper
184 100
63 49.7 39.8 59.6
154 55.6 46.1 69.1

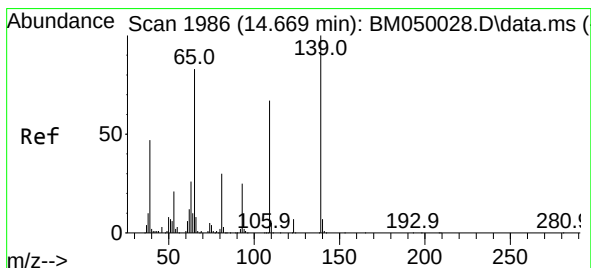
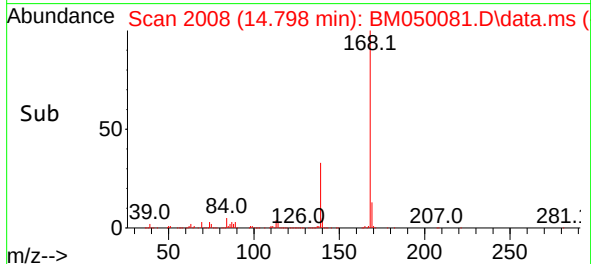
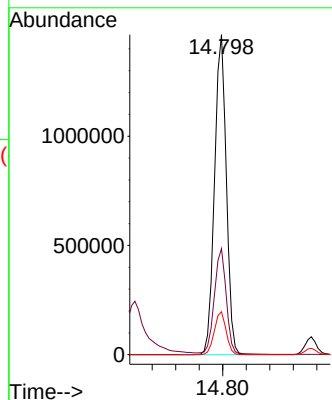
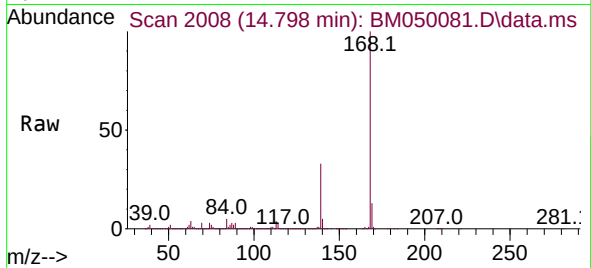




#55
Dibenzofuran
Concen: 41.663 ng
RT: 14.798 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

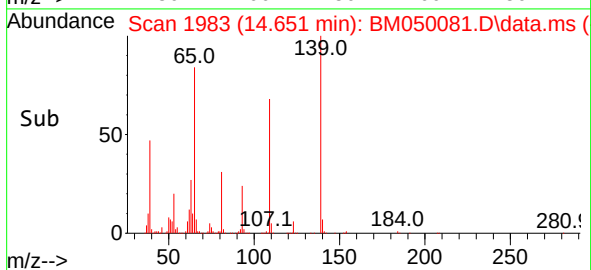
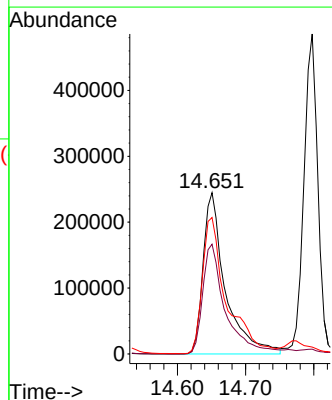
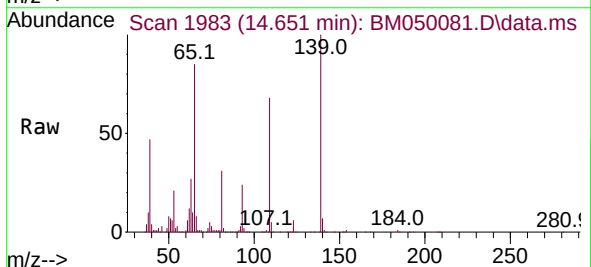
Instrument :
BNA_M
ClientSampleId :
PB167803BS

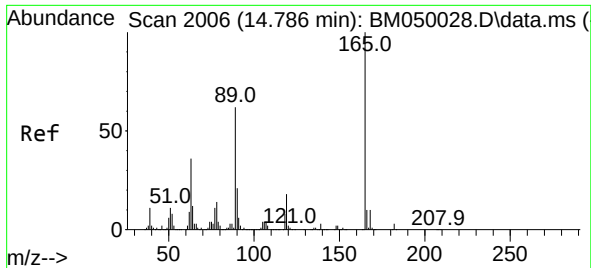
Tgt Ion:168 Resp: 2035860
Ion Ratio Lower Upper
168 100
139 33.2 26.1 39.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 86.298 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:139 Resp: 556814
Ion Ratio Lower Upper
139 100
109 68.1 47.0 87.0
65 84.6 64.3 104.3



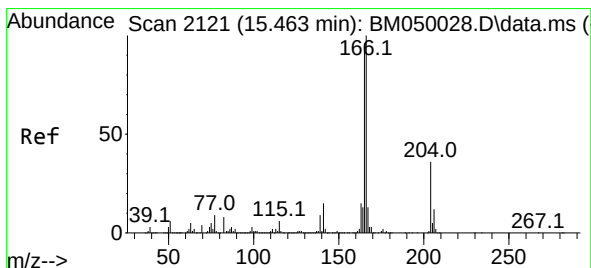
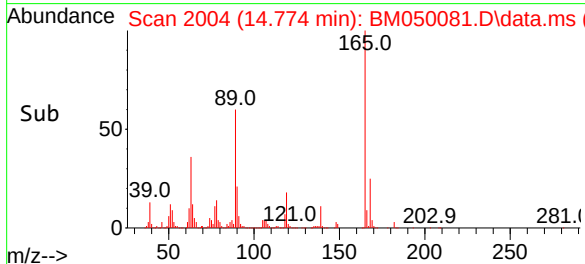
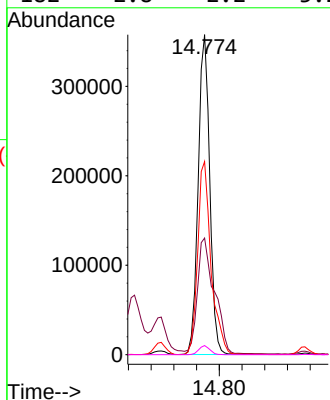
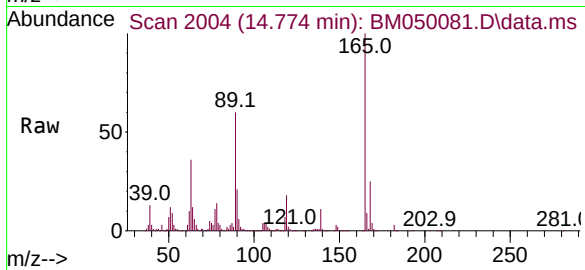


#57
2,4-Dinitrotoluene
Concen: 44.321 ng
RT: 14.774 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:165 Resp: 506537

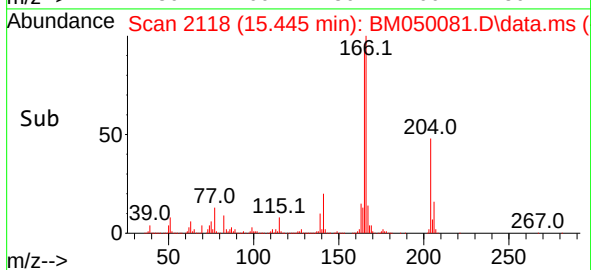
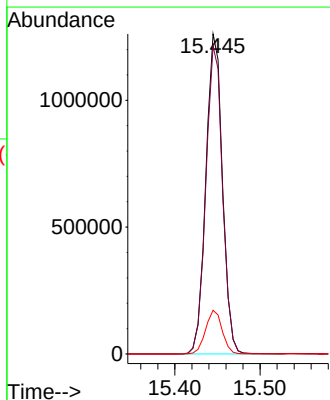
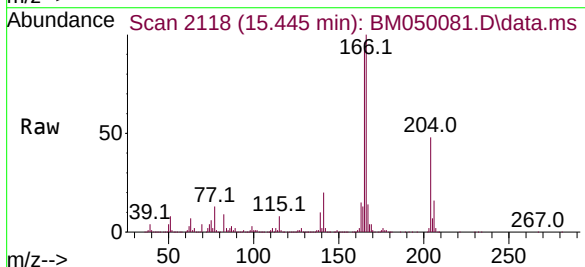
Ion	Ratio	Lower	Upper
165	100		
63	36.5	29.0	43.6
89	60.3	49.4	74.2
182	2.8	2.2	3.2

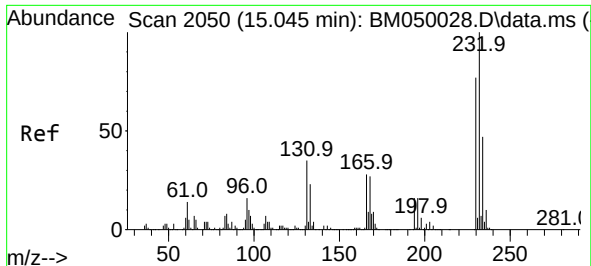


#58
Fluorene
Concen: 42.574 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:166 Resp: 1702863

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.6	115.0
167	13.6	10.6	16.0

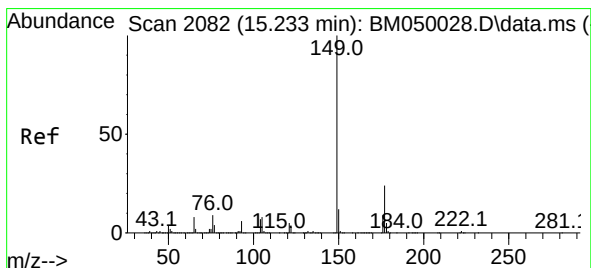
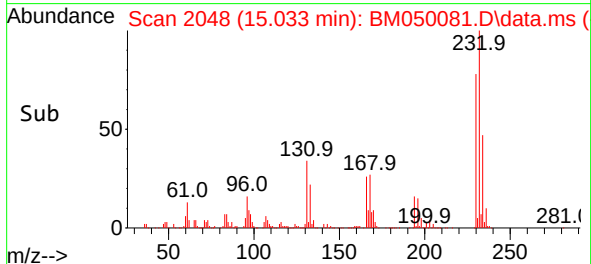
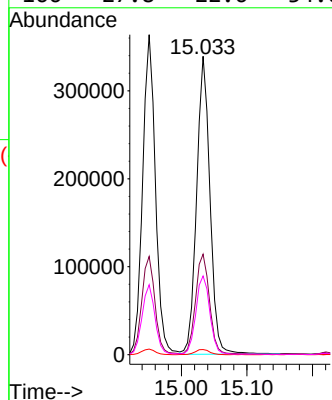
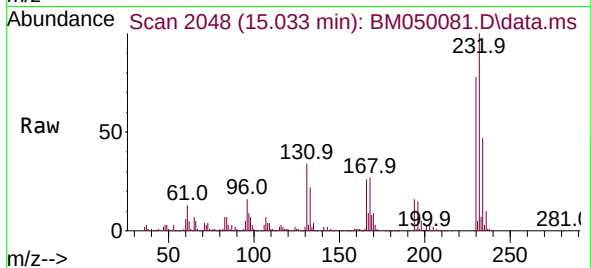




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.923 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

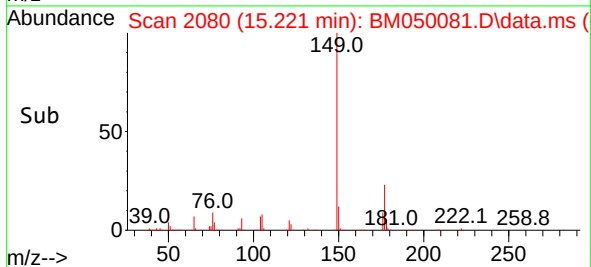
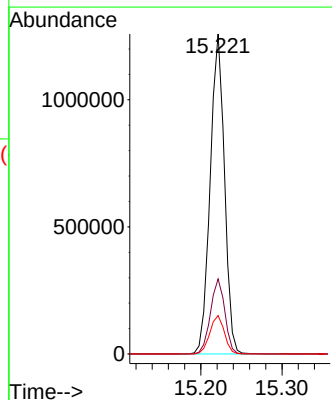
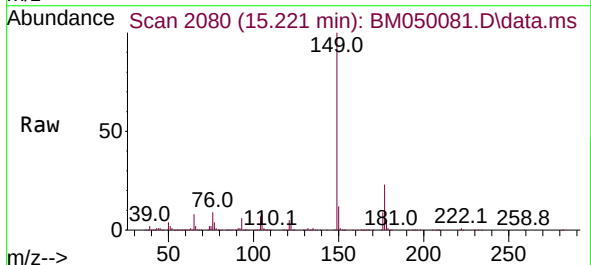
Instrument :
BNA_M
ClientSampleId :
PB167803BS

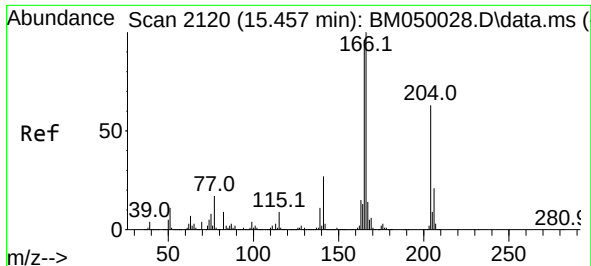
Tgt Ion:232 Resp: 480862
Ion Ratio Lower Upper
232 100
131 35.2 28.2 42.4
130 1.9 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 40.759 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:149 Resp: 1534231
Ion Ratio Lower Upper
149 100
177 23.5 19.1 28.7
150 12.0 9.6 14.4

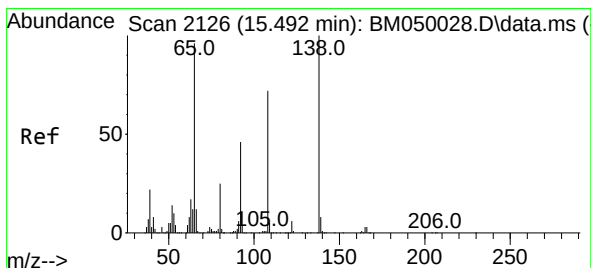
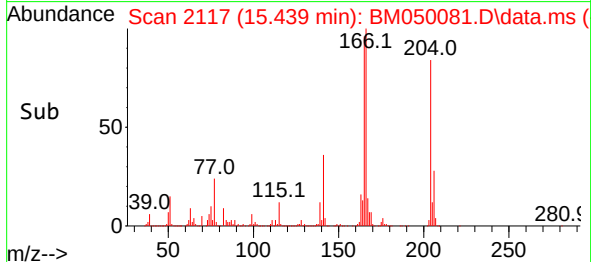
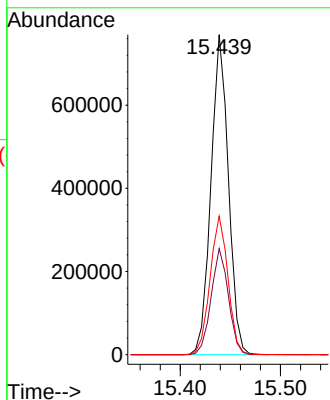
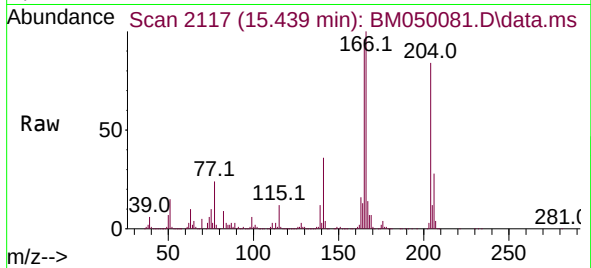




#61
4-Chlorophenyl-phenylether
Concen: 42.269 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

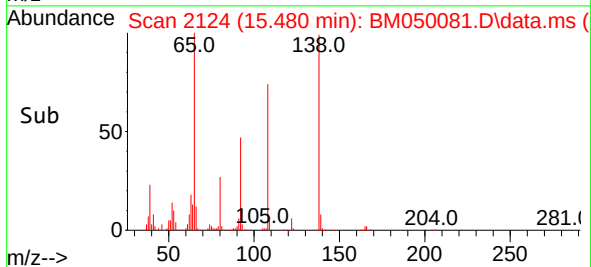
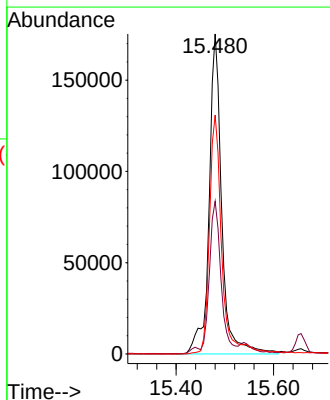
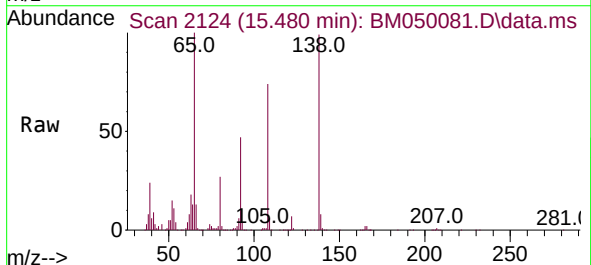
Instrument :
BNA_M
ClientSampleId :
PB167803BS

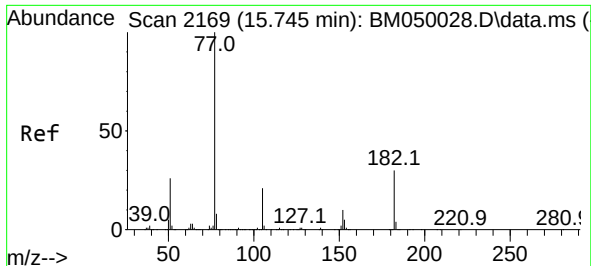
Tgt Ion:204 Resp: 928613
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 43.3 34.0 51.0



#62
4-Nitroaniline
Concen: 41.407 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:138 Resp: 315457
Ion Ratio Lower Upper
138 100
92 47.7 25.9 65.9
108 74.7 52.4 92.4

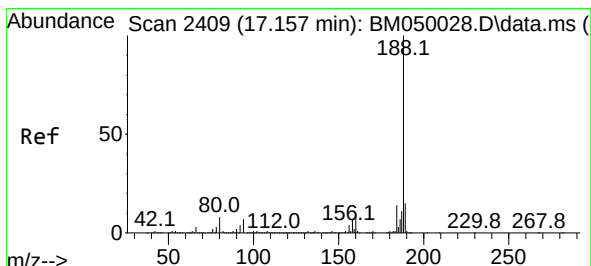
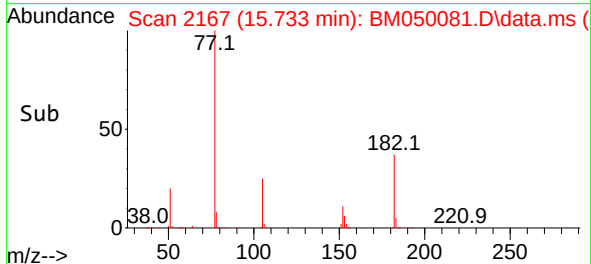
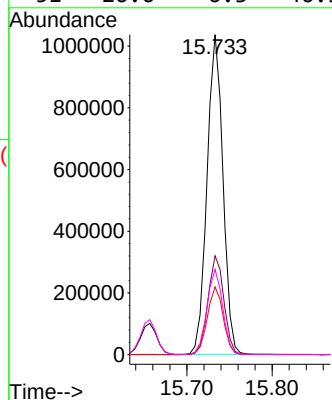
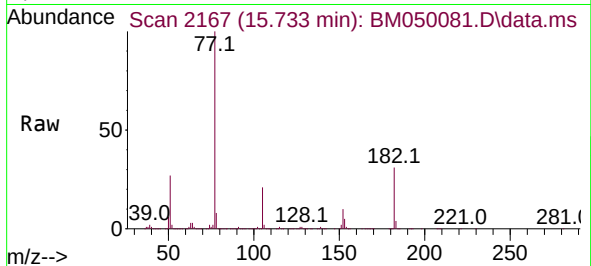




#63
Azobenzene
Concen: 42.627 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

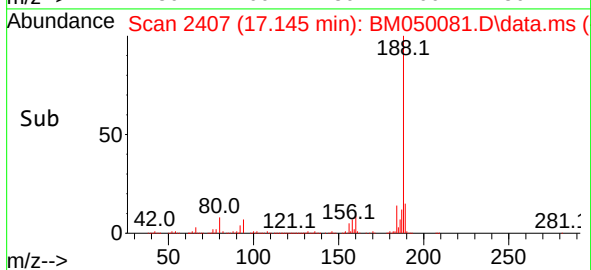
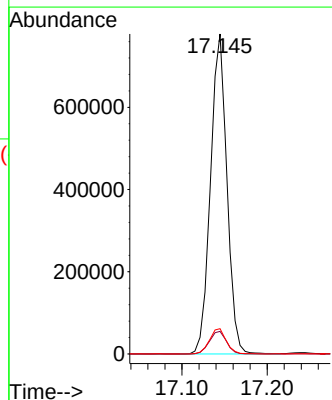
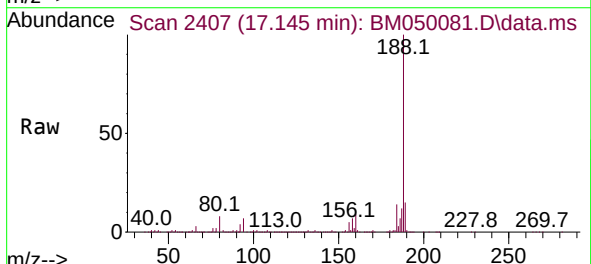
Instrument :
BNA_M
ClientSampleId :
PB167803BS

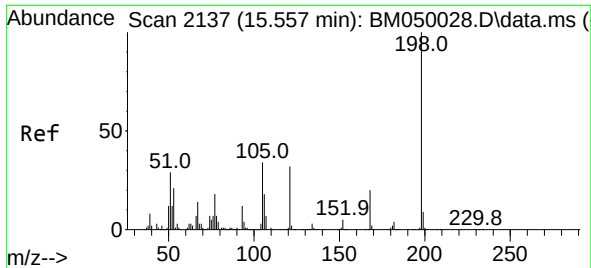
Tgt Ion: 77 Resp: 1344729
Ion Ratio Lower Upper
77 100
182 30.9 10.5 50.5
105 21.1 1.1 41.1
51 26.6 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

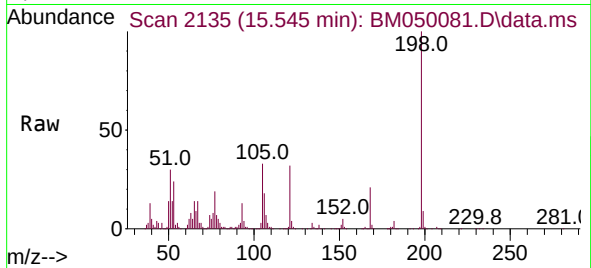
Tgt Ion: 188 Resp: 1041831
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.9 6.2 9.4



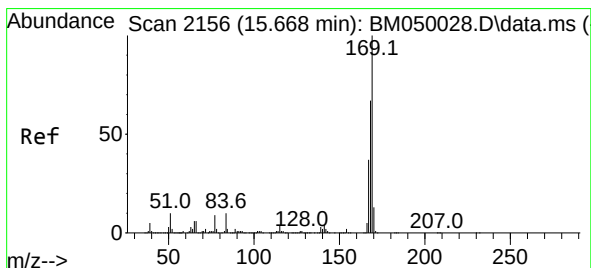
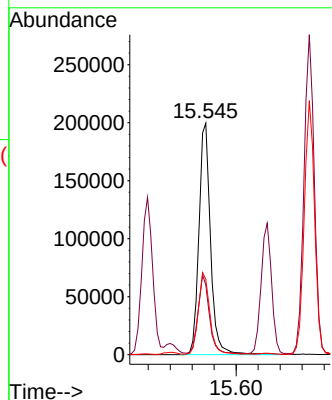
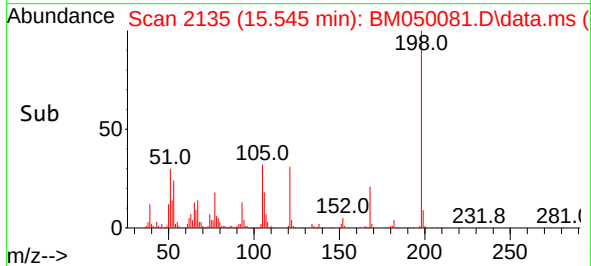


#65
4,6-Dinitro-2-methylphenol
Concen: 44.993 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

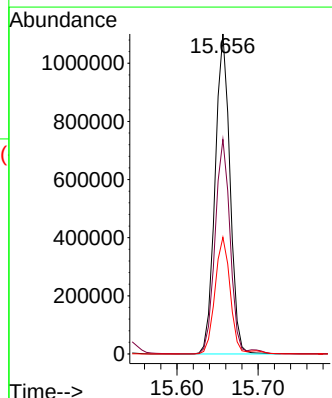
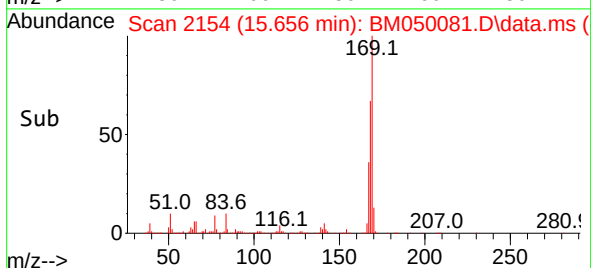
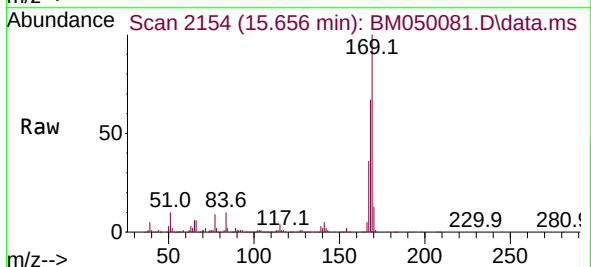


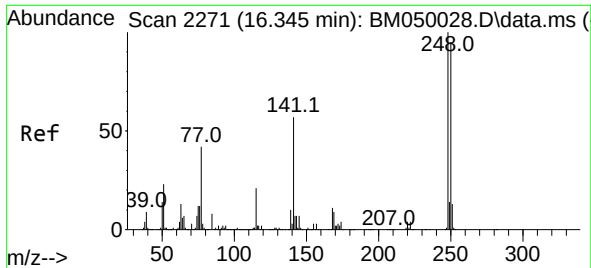
Tgt Ion:198 Resp: 293420
Ion Ratio Lower Upper
198 100
51 30.1 10.4 50.4
105 32.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 43.823 ng
RT: 15.656 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:169 Resp: 1401982
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 36.4 29.4 44.0

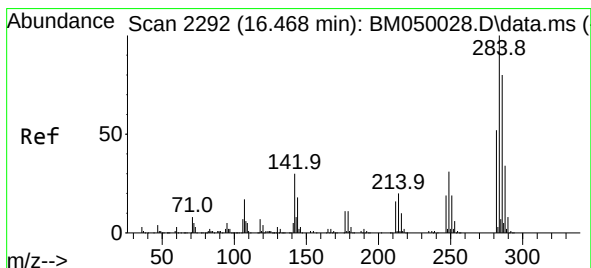
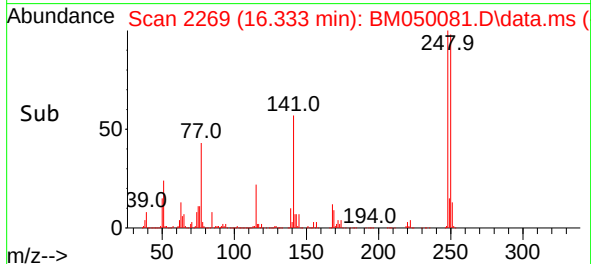
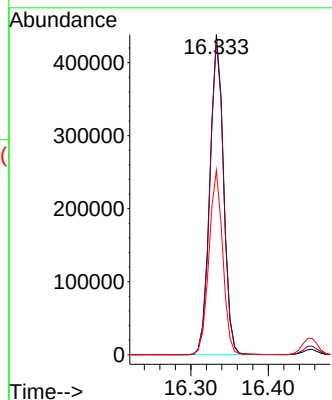
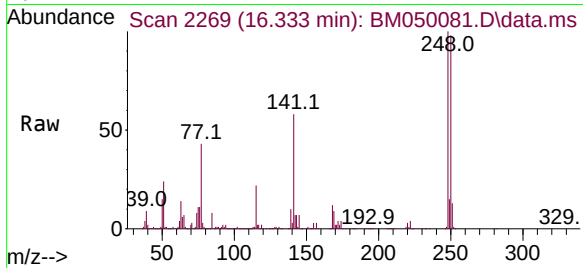




#67
4-Bromophenyl-phenylether
Concen: 42.653 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

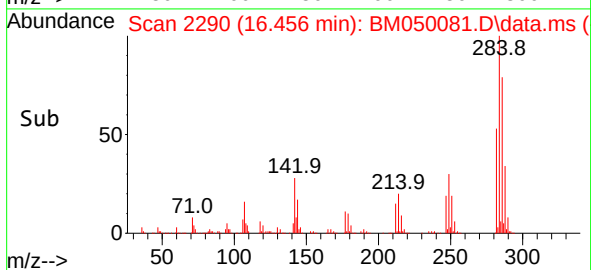
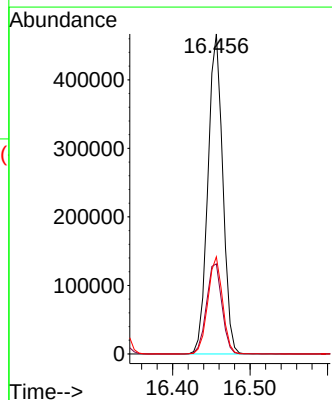
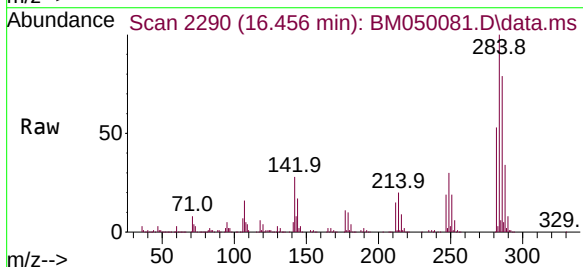
Instrument :
BNA_M
ClientSampleId :
PB167803BS

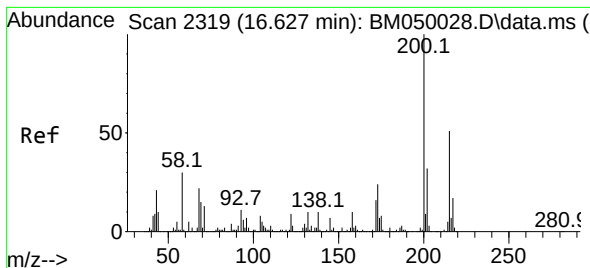
Tgt Ion:248 Resp: 537365
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 57.5 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.697 ng
RT: 16.456 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:284 Resp: 620070
Ion Ratio Lower Upper
284 100
142 28.1 23.9 35.9
249 30.4 24.5 36.7





#69

Atrazine

Concen: 43.305 ng

RT: 16.609 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

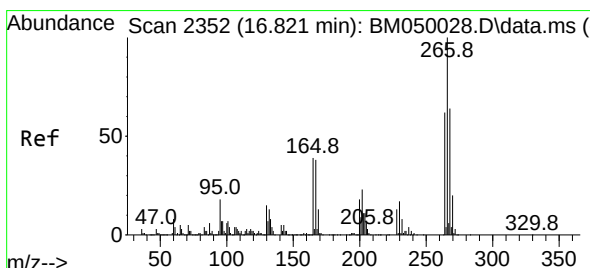
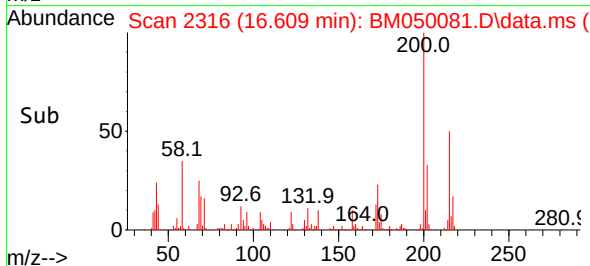
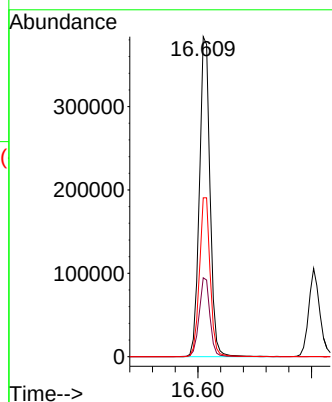
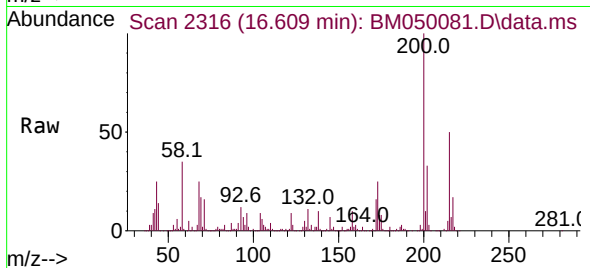
Tgt Ion:200 Resp: 499731

Ion Ratio Lower Upper

200 100

173 24.7 4.3 44.3

215 49.6 30.6 70.6



#70

Pentachlorophenol

Concen: 99.731 ng

RT: 16.803 min Scan# 2349

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

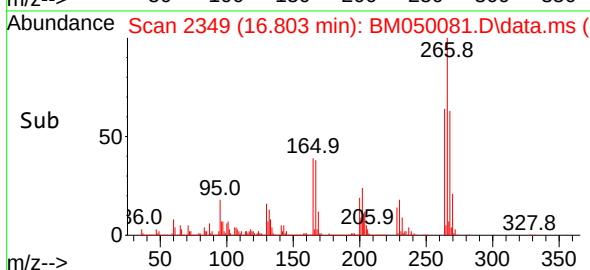
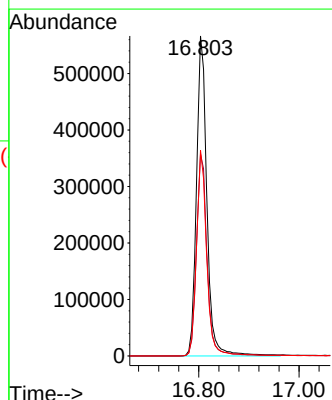
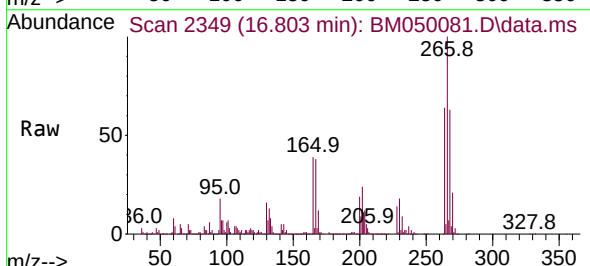
Tgt Ion:266 Resp: 815255

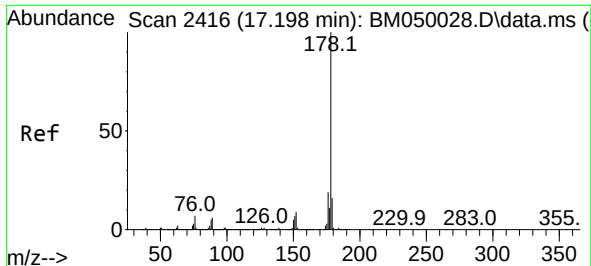
Ion Ratio Lower Upper

266 100

268 63.2 51.2 76.8

264 64.2 49.6 74.4

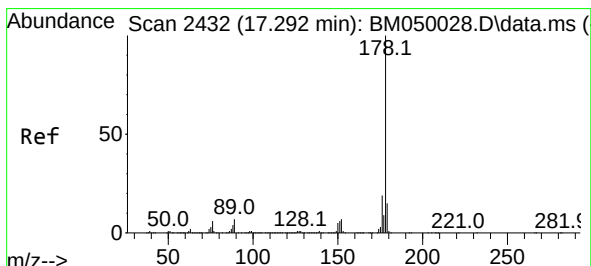
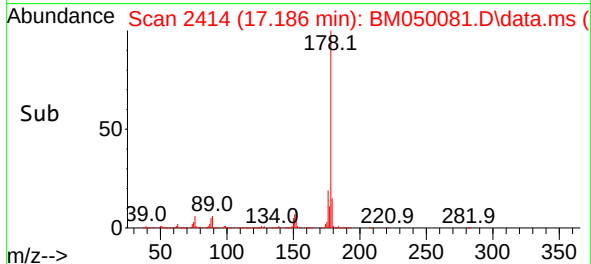
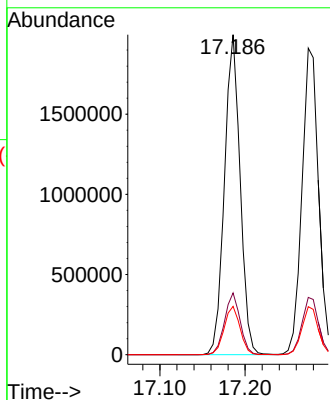
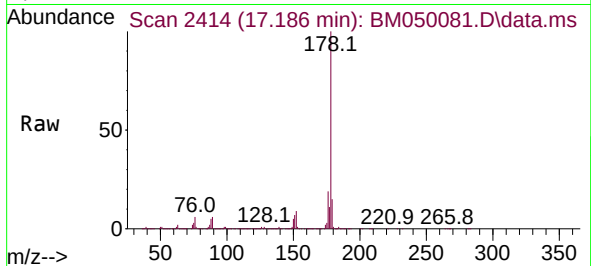




#71
Phenanthrene
Concen: 43.405 ng
RT: 17.186 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

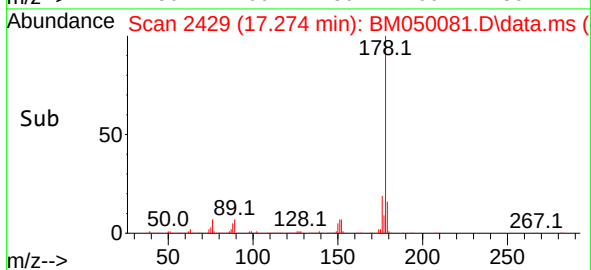
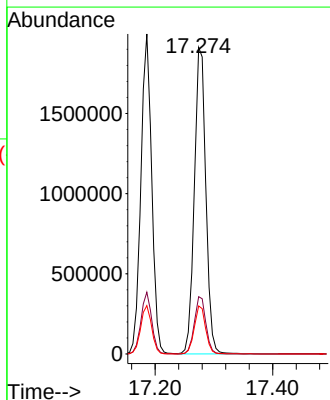
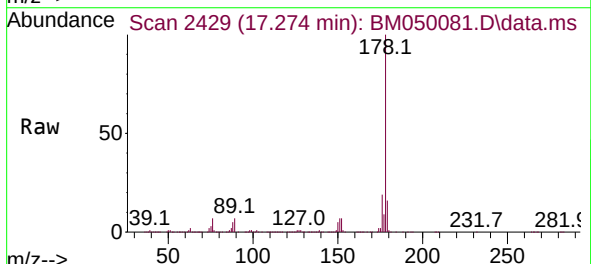
Instrument :
BNA_M
ClientSampleId :
PB167803BS

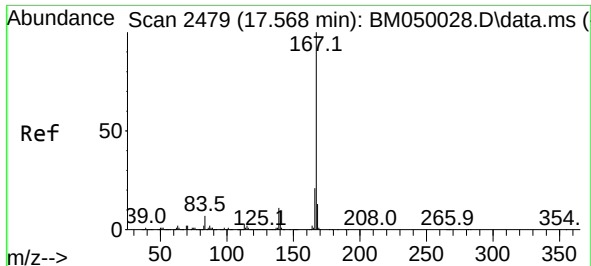
Tgt Ion:178 Resp: 2550491
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.1 12.4 18.6



#72
Anthracene
Concen: 43.664 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:178 Resp: 2596482
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.4

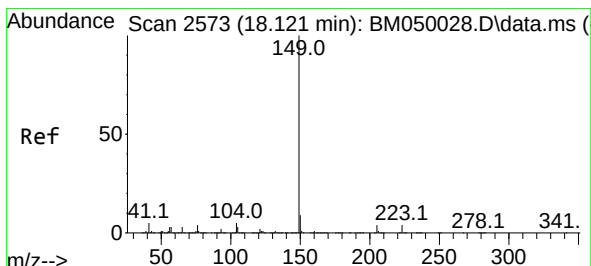
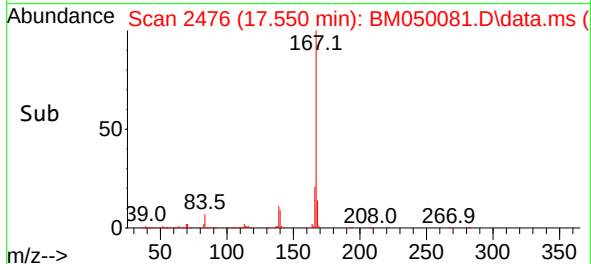
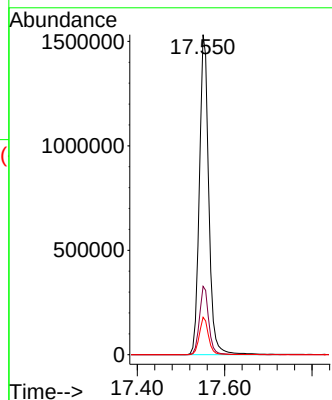
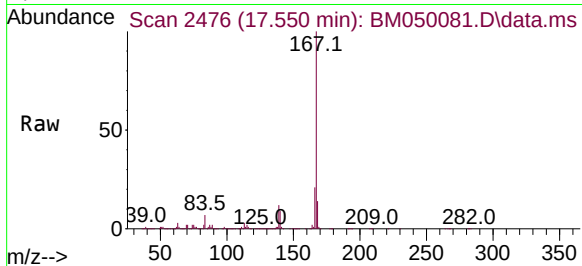




#73
 Carbazole
 Concen: 44.221 ng
 RT: 17.550 min Scan# 2479
 Delta R.T. -0.018 min
 Lab File: BM050081.D
 Acq: 02 May 2025 11:52

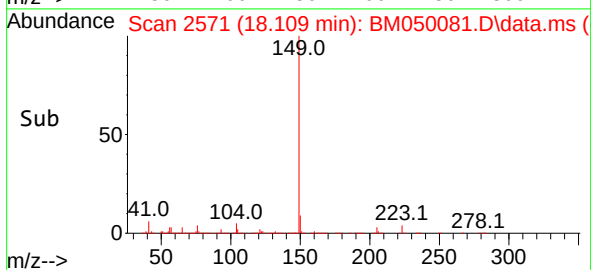
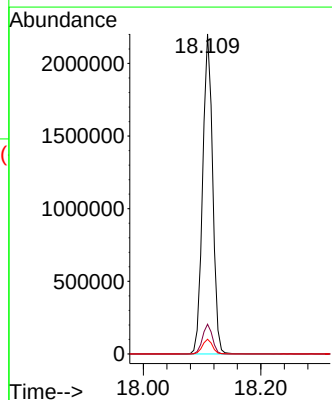
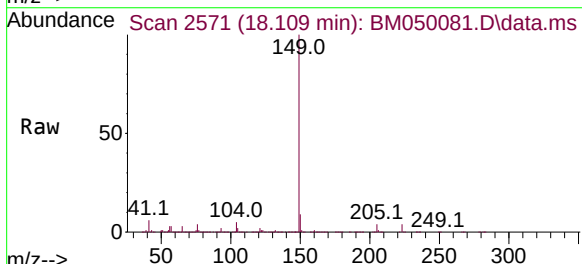
Instrument :
 BNA_M
 ClientSampleId :
 PB167803BS

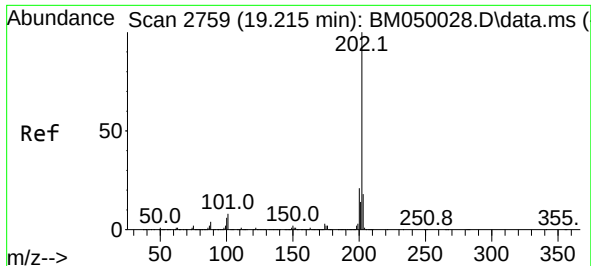
Tgt Ion:167 Resp: 2281814
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 11.7 9.0 13.6



#74
 Di-n-butylphthalate
 Concen: 42.116 ng
 RT: 18.109 min Scan# 2571
 Delta R.T. -0.012 min
 Lab File: BM050081.D
 Acq: 02 May 2025 11:52

Tgt Ion:149 Resp: 2588026
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.6 3.8 5.6

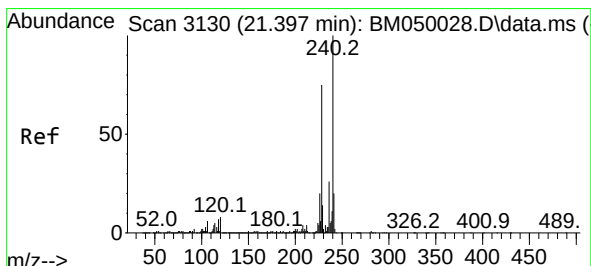
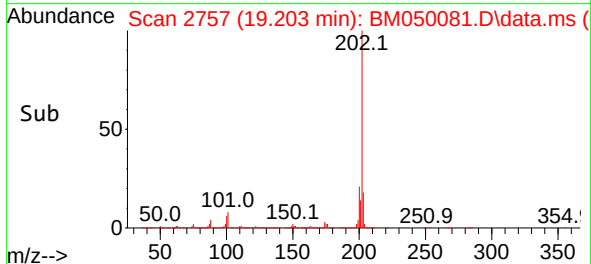
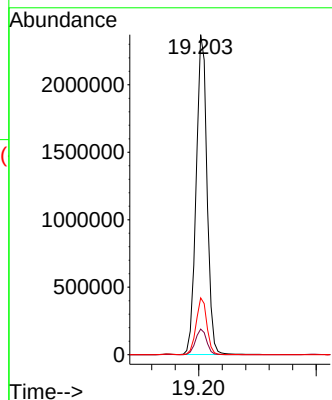
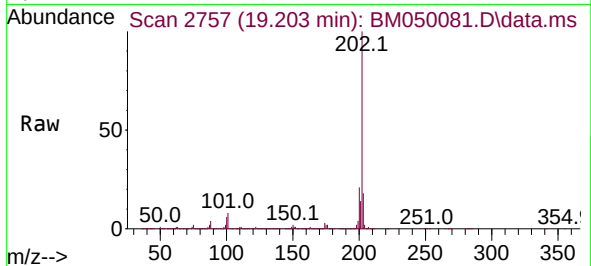




#75
Fluoranthene
Concen: 43.882 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

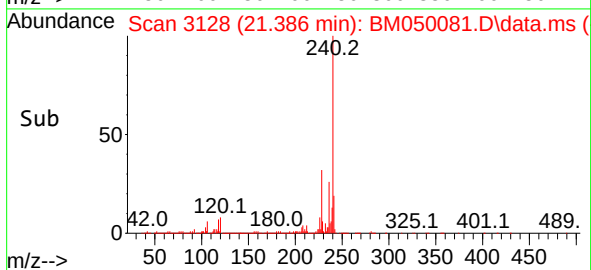
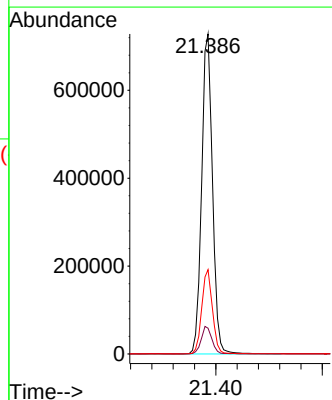
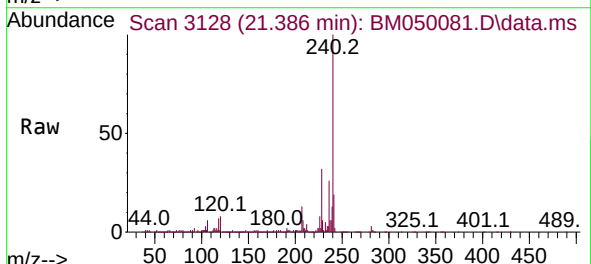
Instrument :
BNA_M
ClientSampleId :
PB167803BS

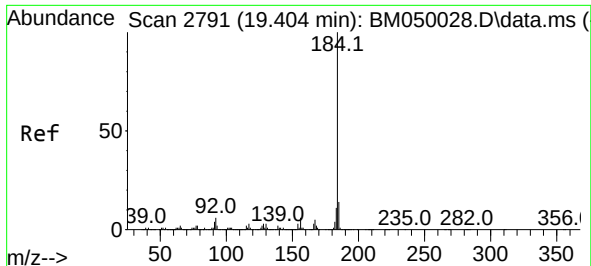
Tgt Ion:202 Resp: 3027358
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:240 Resp: 1028150
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 26.4 20.9 31.3

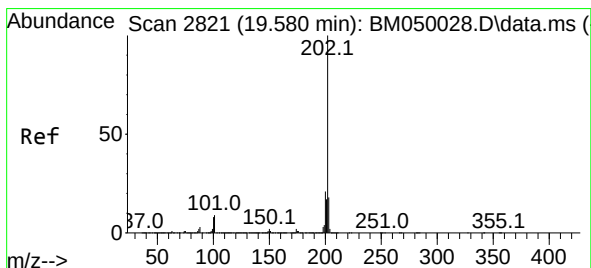
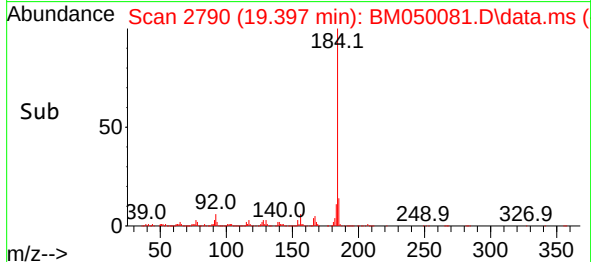
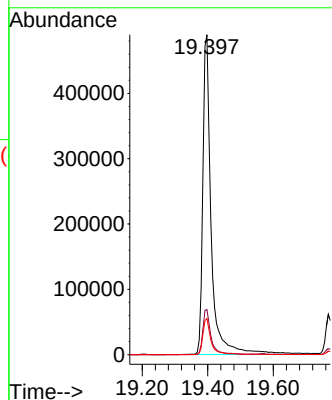
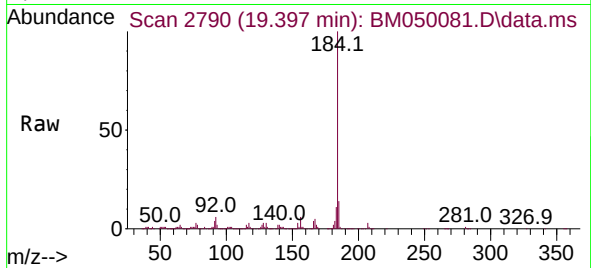




#77
Benzidine
Concen: 23.946 ng
RT: 19.397 min Scan# 21
Delta R.T. -0.007 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

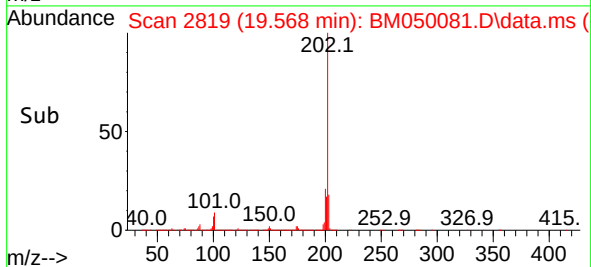
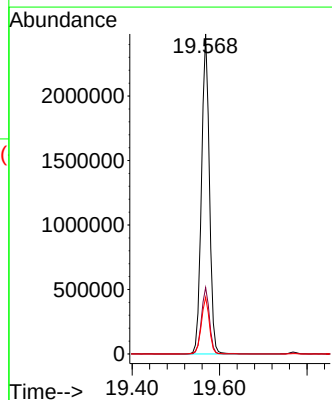
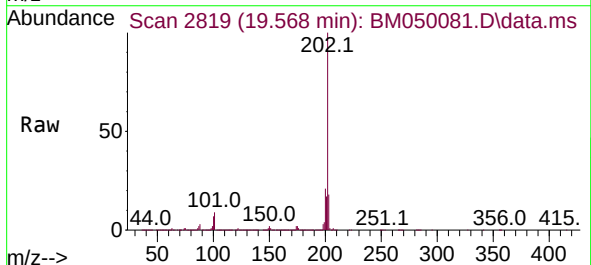
Instrument :
BNA_M
ClientSampleId :
PB167803BS

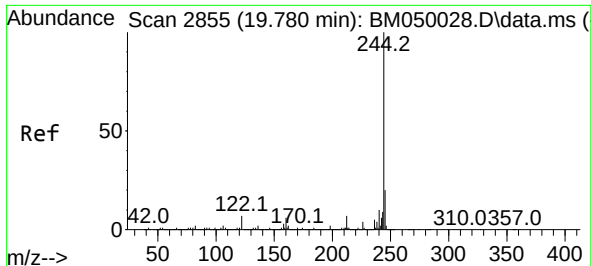
Tgt Ion:184 Resp: 874516
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.3 8.9 13.3



#78
Pyrene
Concen: 43.175 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:202 Resp: 3117233
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.7 14.1 21.1

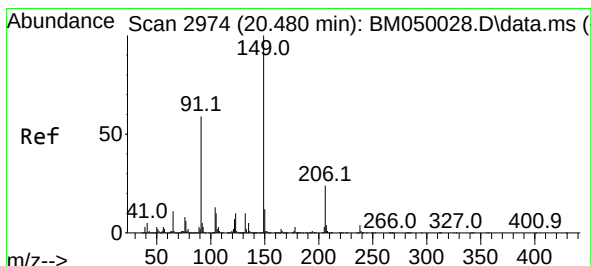
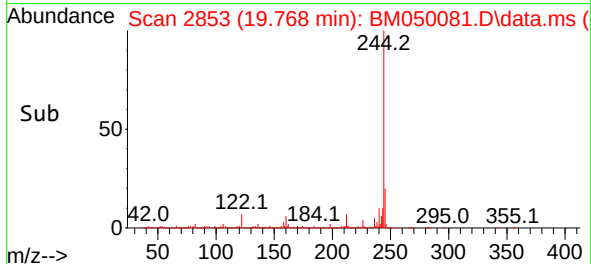
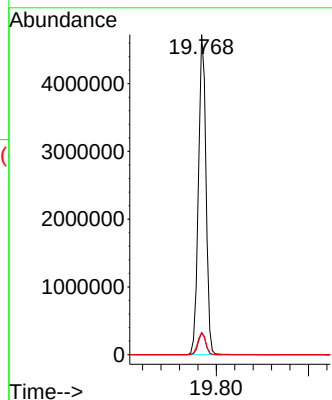
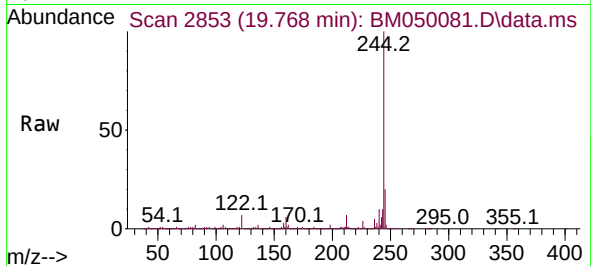




#79
 Terphenyl-d14
 Concen: 76.944 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050081.D
 Acq: 02 May 2025 11:52

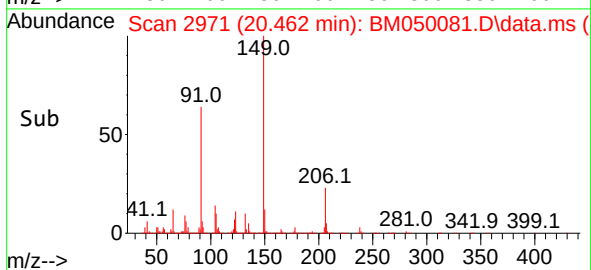
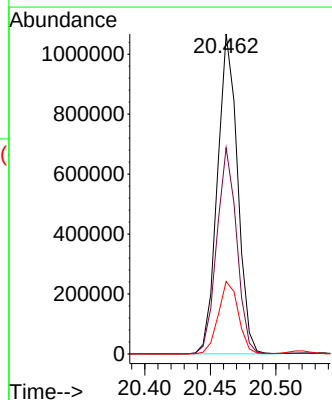
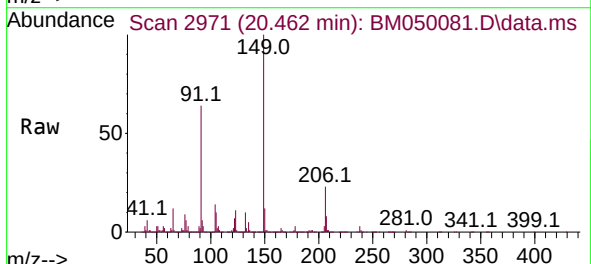
Instrument :
 BNA_M
 ClientSampleId :
 PB167803BS

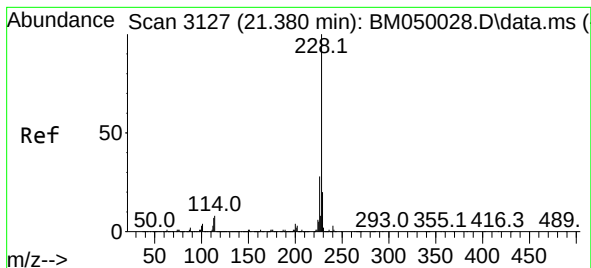
Tgt Ion:244 Resp: 5346201
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 6.9 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 42.009 ng
 RT: 20.462 min Scan# 2971
 Delta R.T. -0.018 min
 Lab File: BM050081.D
 Acq: 02 May 2025 11:52

Tgt Ion:149 Resp: 1135997
 Ion Ratio Lower Upper
 149 100
 91 64.5 47.4 71.2
 206 22.6 19.4 29.0





#81

Benzo(a)anthracene

Concen: 43.971 ng

RT: 21.368 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

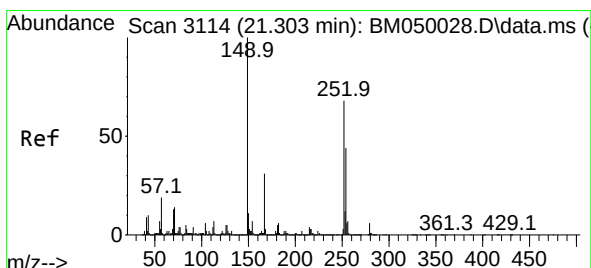
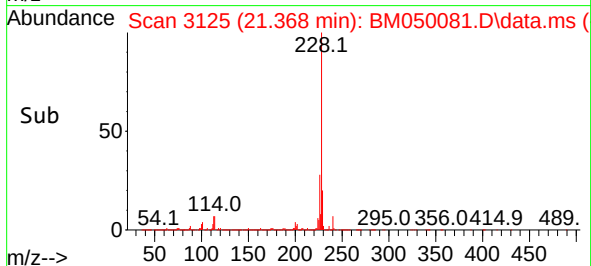
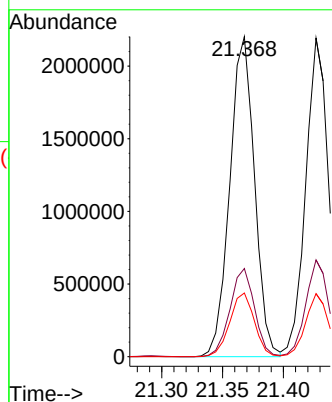
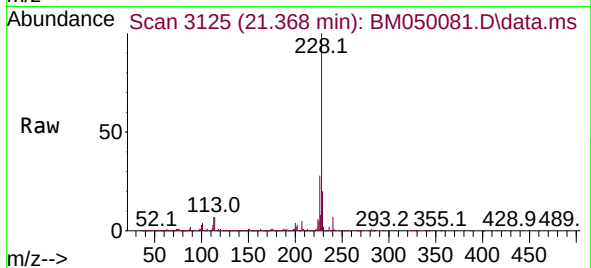
Tgt Ion:228 Resp: 3113215

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 19.784 ng

RT: 21.291 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

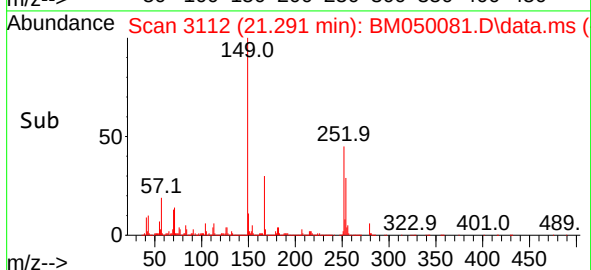
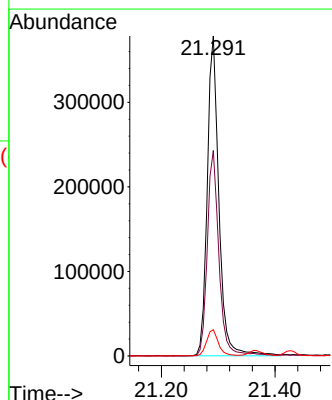
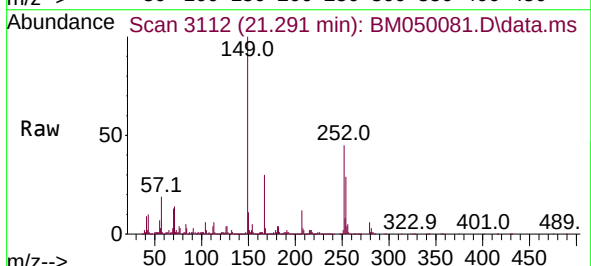
Tgt Ion:252 Resp: 536223

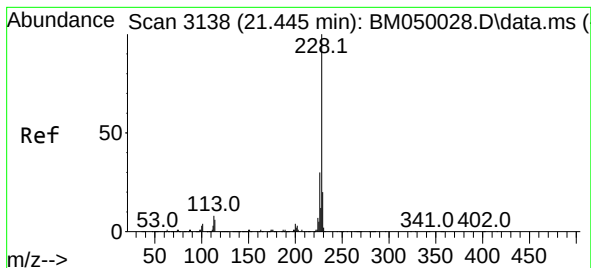
Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

126 8.2 6.0 9.0





#83

Chrysene

Concen: 44.213 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

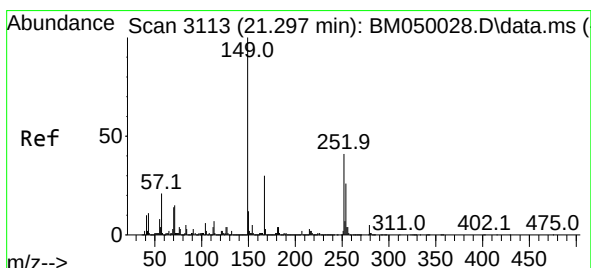
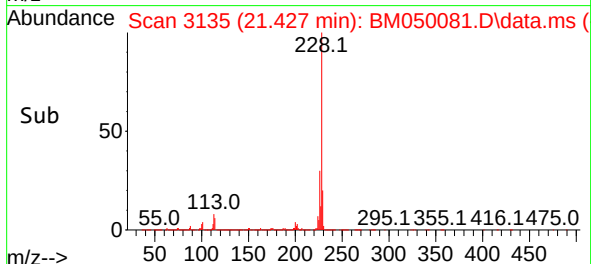
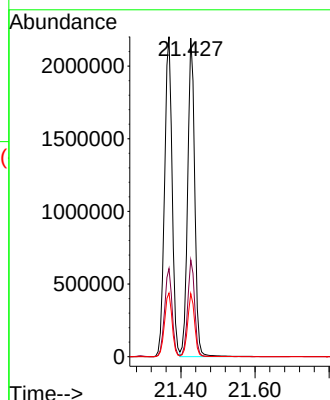
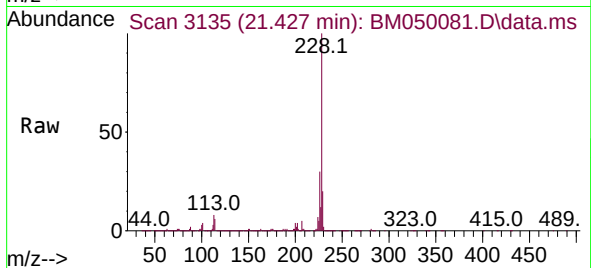
Tgt Ion:228 Resp: 2897203

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.318 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

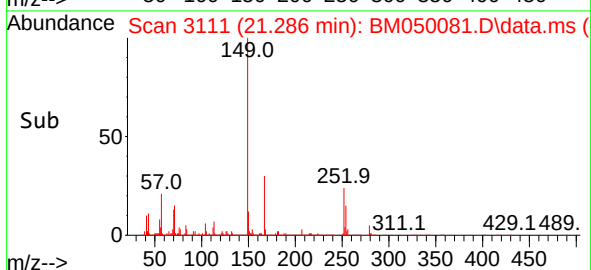
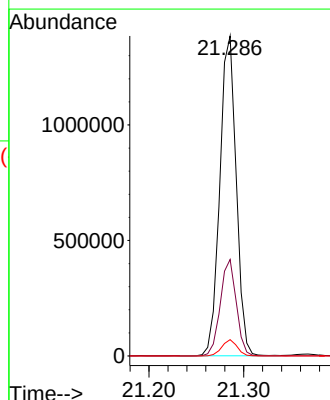
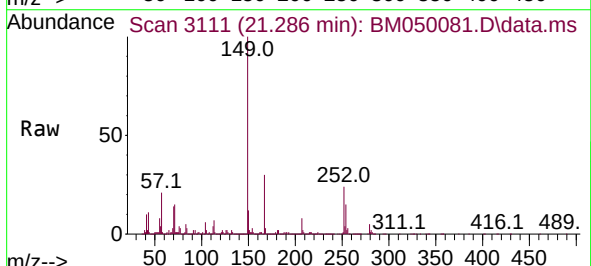
Tgt Ion:149 Resp: 1668880

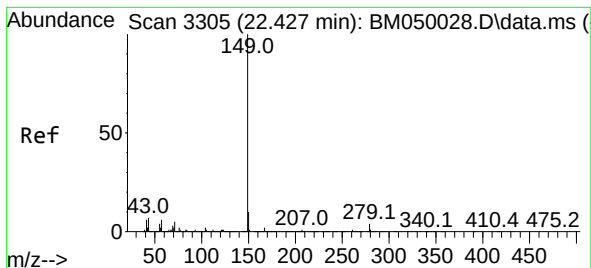
Ion Ratio Lower Upper

149 100

167 30.2 24.1 36.1

279 5.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.329 ng

RT: 22.409 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

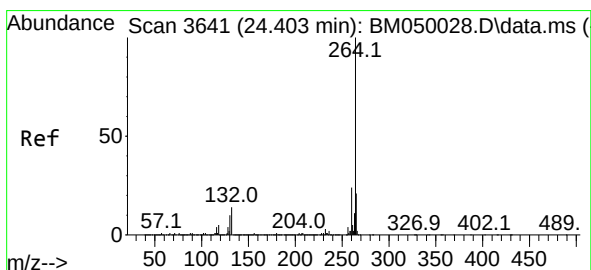
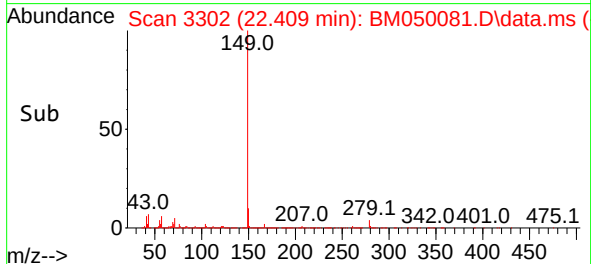
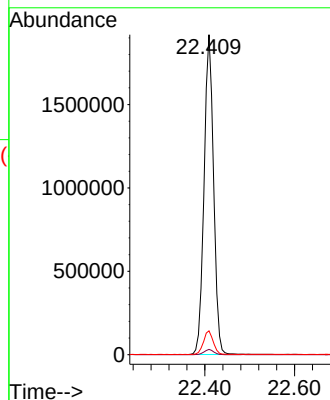
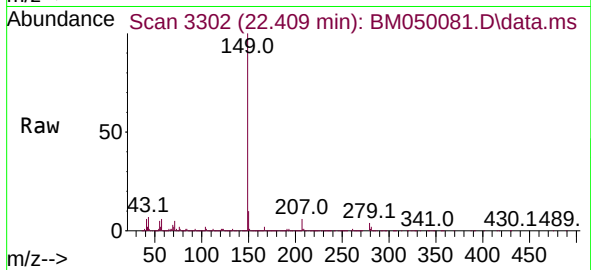
Tgt Ion:149 Resp: 2819567

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.030 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

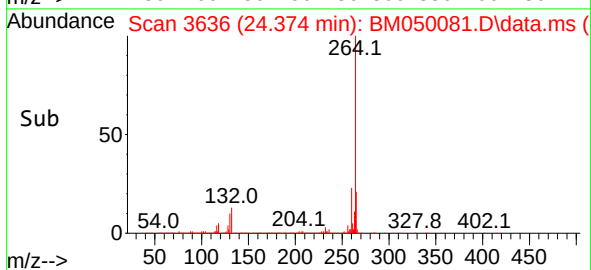
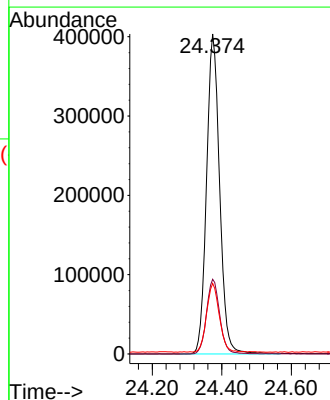
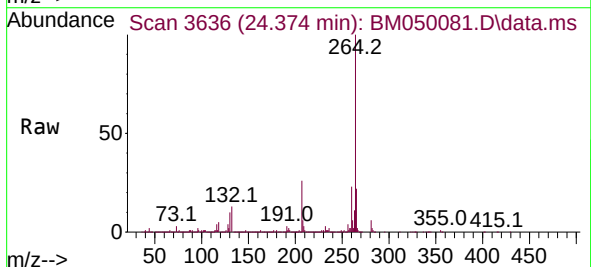
Tgt Ion:264 Resp: 1050834

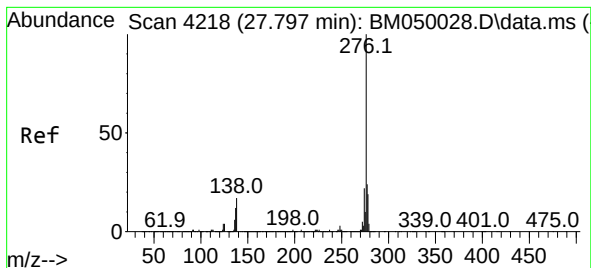
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.752 ng

RT: 27.762 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

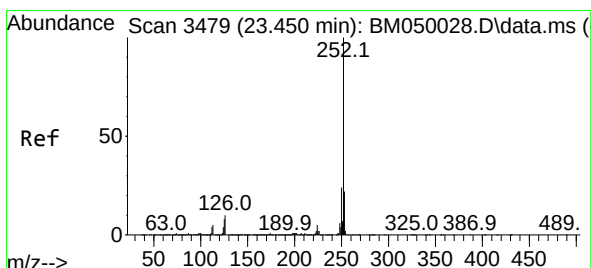
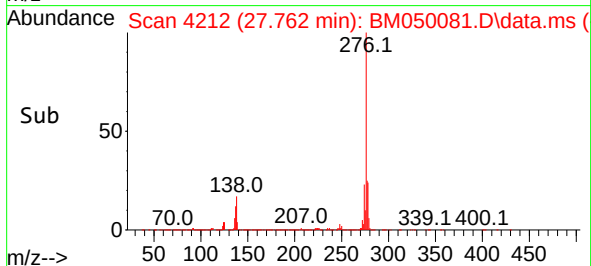
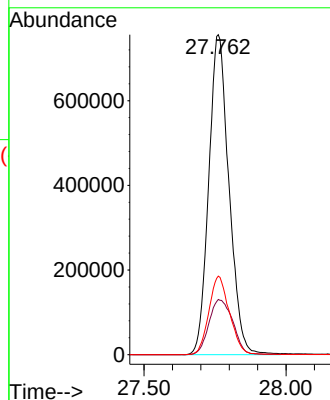
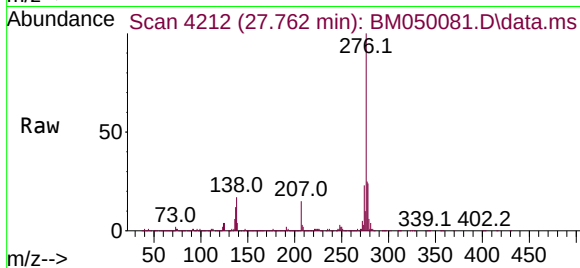
Tgt Ion:276 Resp: 3738994

Ion Ratio Lower Upper

276 100

138 20.4 16.4 24.6

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 43.678 ng

RT: 23.432 min Scan# 3476

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

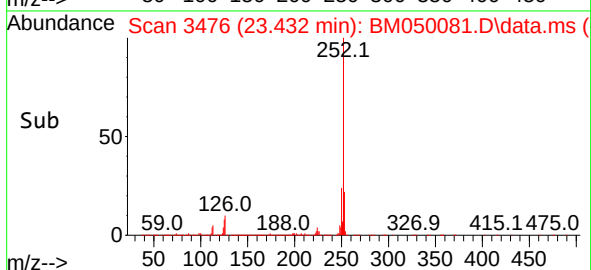
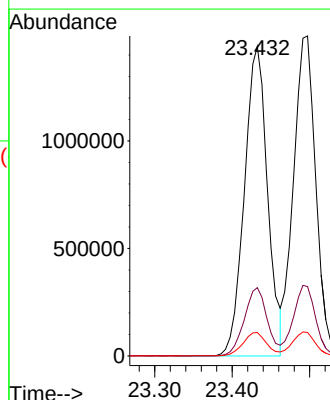
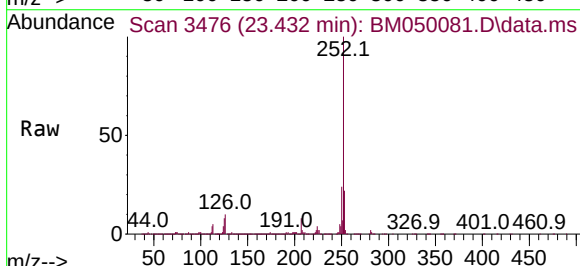
Tgt Ion:252 Resp: 2984894

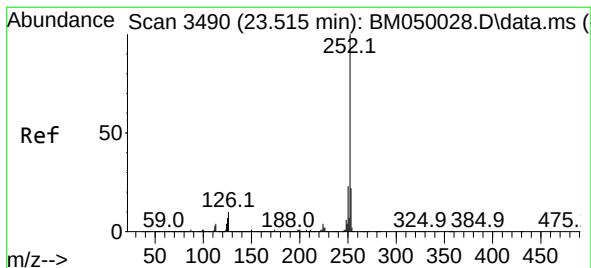
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.6 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 43.276 ng

RT: 23.497 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

Instrument :

BNA_M

ClientSampleId :

PB167803BS

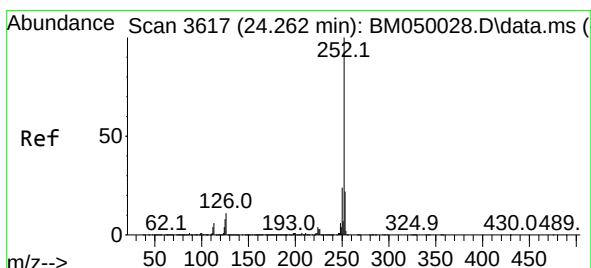
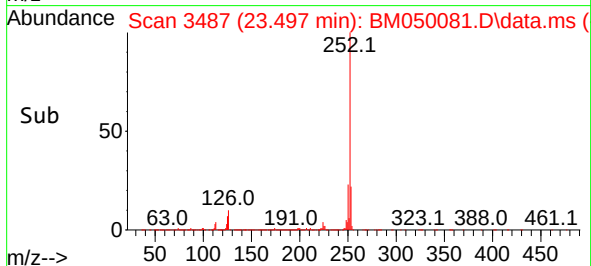
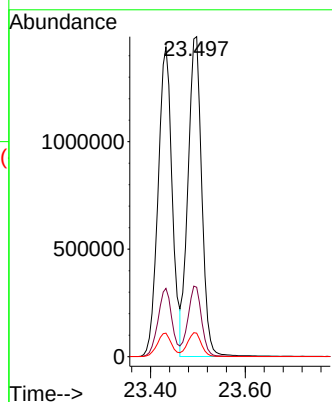
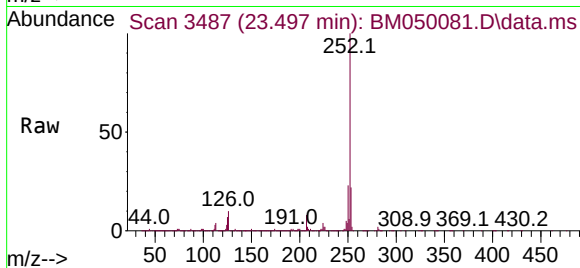
Tgt Ion:252 Resp: 2991504

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 7.4 5.8 8.8



#90

Benzo(a)pyrene

Concen: 44.360 ng

RT: 24.238 min Scan# 3613

Delta R.T. -0.024 min

Lab File: BM050081.D

Acq: 02 May 2025 11:52

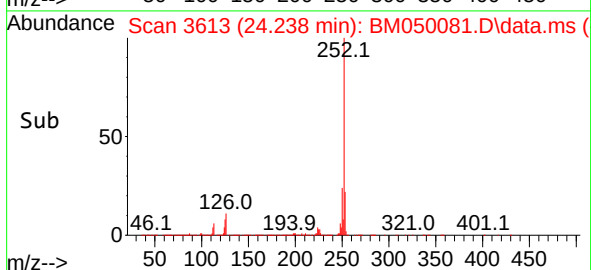
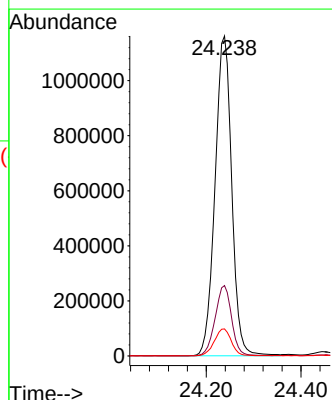
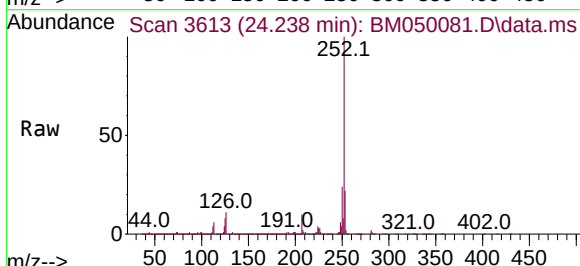
Tgt Ion:252 Resp: 2839325

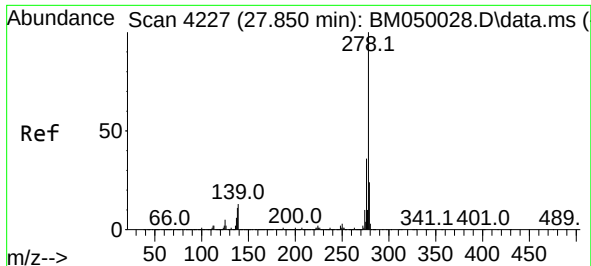
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.5 6.6 9.8

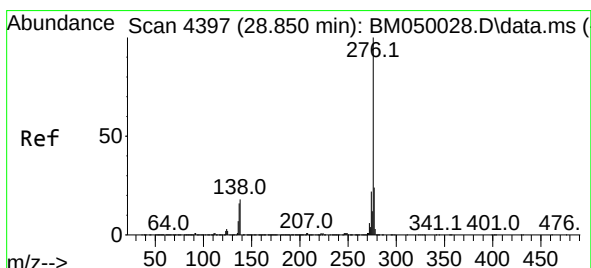
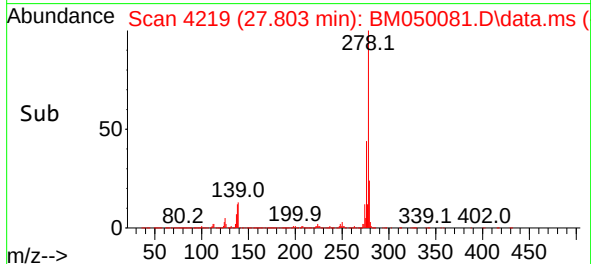
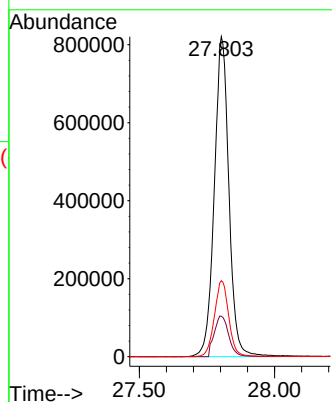
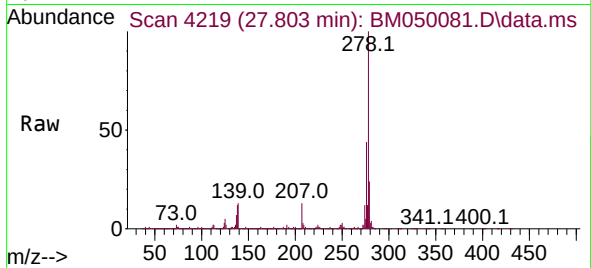




#91
Dibenzo(a,h)anthracene
Concen: 48.205 ng
RT: 27.803 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Tgt Ion:278 Resp: 3076788
Ion Ratio Lower Upper
278 100
139 12.6 10.5 15.7
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 47.729 ng
RT: 28.814 min Scan# 4391
Delta R.T. -0.035 min
Lab File: BM050081.D
Acq: 02 May 2025 11:52

Tgt Ion:276 Resp: 2916539
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 17.7 14.3 21.5

